

F I R E   D E P A R T M E N T   A N N U A L   R E P O R T  
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SHARPE JAMES  
MAYOR

# NEWARK

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## FIRE DEPARTMENT

1010 Eighteenth Avenue  
Newark, New Jersey 07106  
201/733-7424

Stanley J. Kossup  
Director/Fire Chief

April 6, 1993

The Honorable Sharpe James  
Mayor, City of Newark  
City Hall - Room 200  
920 Broad Street  
Newark, New Jersey 07102

Dear Mayor James:

As Director/Fire Chief of the Newark Fire Department, I am pleased and proud to submit, for your attention and approval, the Newark Fire Department's Annual Report outlining activities for the year 1992.

We, in the Fire Department, again affirm that the primary goal of the Fire Department has always been and will continue to be the prevention of fire, and when a fire occurs, to quickly control it, keeping the loss of life and property to a minimum. We remain committed to provide protection for the Citizens of the City of Newark.

Unfortunately, there were eleven (11) lives lost due to fires during 1992; this was an decrease of nine (9) lives lost compared to 1991. Only a "zero" figure will be acceptable to the Fire Department, be assured that The Fire Department will utilize all of its resources to achieve that goal.

This Department will continue to increase its efforts in all areas of Fire Prevention and Code Enforcement, as well as, Firefighting. In 1993, special attention will be paid to In-service building, inspections by Firefighting companies; as well as fire safety education programs presented in schools, to civic organizations and business groups by our Community Relations Division. Efforts in these areas have contributed to reducing the number, and severity of fire incidents and major fires.

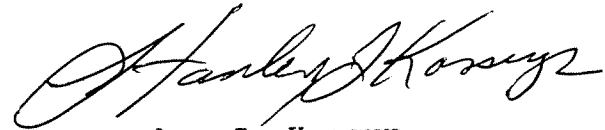
April 6, 1993

The Honorable Sharpe James  
Mayor, City of Newark

Fire Department - Annual Report 1992

All Members of the Fire Department, both uniformed and civilian, wish to express their sincere gratitude and thanks to you ; the Business Administrator, the Members of your Staffs, to all Department Directors, and Members of the Municipal Council, for their fine and wholehearted cooperation and assistance, which was rendered whenever needed or requested.

Respectfully,

A handwritten signature in cursive script, reading "Stanley J. Kossup".

Stanley J. Kossup  
Director/Fire Chief

SJK:dg

ANNUAL REPORT - 1992

F I R E   D E P A R T M E N T   -   C I T Y   O F   N E W A R K

Glenn Grant  
Business Administrator

Hon. Sharpe James  
Mayor

Kenneth J. Blaha, Chief Clerk  
Angelina Capriglione, Assistant Chief Clerk  
Deidre Gully, Secretarial Assistant

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Stanley J. Kossup, Fire Director / Fire Chief  
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DEPUTY FIRE CHIEFS

1st Deputy Division

Robert J. Miller  
Robert J. Buccine  
Edward R. Dunn  
William M. Carragher Jr.

2nd Deputy Division

Edward J. Chrystal  
Joseph Pierce  
John Griggs  
Richard L. Bitter

ROVING

James P. Finucan

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BATTALION FIRE CHIEFS

1st Battalion Dist.

Edward S. Rydzewski  
Robert P. Gaynor  
Richard B. Meeker  
Lowell F. Jones

3rd Battalion Dist.

Leonard Mendola  
Walter Brownlee  
Thomas Saccone  
James H. Cody

4th Battalion Dist.

James N. Richardson  
Kenneth G. Miller  
James M. Smith  
John S. Higginson

5th Battalion Dist.

Bernard C. Snyder  
Robert J. Smith  
Joseph T. Miller  
Leonard Gino

Roving

Harry Carter

SUB-DIVISIONS OF THE FIRE DEPARTMENT

Division of Fire Prevention and Life Safety

Wayne S. Pugh, Fire Official, U.F.D.  
Vincent H. Ladd, Supvg. Fire Protection Specialist, U.F.D.  
Charles Bishop, Supvg. Fire Protection Specialist, U.F.D.  
John Anstiss, Battalion Chief  
Jacqueline Jones, Captain

Division of Investigation

James V. Raymond, Deputy Chief  
George Daudelin, Captain  
Lenzy Petford, Captain  
Abnathy Alfonso Mason, Captain

Fire Signal System

Walter J. Maszczak, Chief, Fire Signal System Maintenance and  
Construction  
Henry Przybylowicz, Assistant Chief Fire Signal System  
Operation

Special Services and Supply

John Tartis, Deputy Chief  
James Clarke, Captain  
John Benderoth, Captain  
Michael Lawless, Captain

Fire Training Center

Andrew Wargo, Captain  
Eli Savarese, Captain

Hazardous Materials Division

Anthony Apostolico, Battalion Chief

Planning and Research Division

Robert Fitzpatrick, Battalion Chief  
John Degnan, Captain  
Anthony Peters, Captain

Photography Division

Lawrence Krieger, Public Relations & Fire Department Spokesman

Community Relations Division

Andrew Wargo, Captain

Office of Emergency Management

Robert Swales, Deputy Director

Chaplains

Rev. Msgr. Horton J. Raught, Catholic

# F I R E   D E P A R T M E N T

## VITAL STATISTICS - 1992

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### APPOINTMENTS

<u>DATE</u>	<u>NAME</u>	<u>TITLE</u>
September 28, 1992	Christopher Delli Santi	Firefighter

### RETIREMENTS

January 1, 1992	Esther Conrad	Administ. Secretary
" " "	Edward Wittel	Firefighter
" " "	Robert Burns	Firefighter
" " "	Michael Morrello	Captain
February 1, 1992	Charles Alaimo	Firefighter
" " "	Tommaso De Angelis	Firefighter
" " "	Boisy Cosby	Fire Prev. Specialist
" " "	Joyce Reinhart	Administ. Secretary
March 1, 1992	Frank Gass	Firefighter
" " "	Frederick Charpentier	Firefighter
April 1, 1992	William Formisano	Captain
" " "	Ralph Hornung	Firefighter
May 1, 1992	Eugene Anderson	Captain
" " "	Attilio De Sordi	Captain
" " "	Henry Coakley	Captain
" " "	Ernest Smith	Firefighter
" " "	Robert Zullo	Firefighter
" " "	Angelo Sibilila	Firefighter
" " "	Charles Badolato	Firefighter
" " "	Warren Bongo	Firefighter
June 1, 1992	William Glagola	Firefighter
" " "	James Maguire	Firefighter

# F I R E   D E P A R T M E N T

## VITAL STATISTICS - 1992

### RETIREMENTS

July 1, 1992	Frederick Nolan	Battalion Chief
" " "	Kevin Mahon	Captain
" " "	Kevin Rafferty	Captain
" " "	George O'Dell	Firefighter
August 1, 1992	Thomas Sager	Firefighter
" " "	Thomas Farley	Firefighter
" " "	Arthur Bragger	Firefighter
September 1, 1992	Carl Duerr	Chief of Apparatus
" " "	Joseph Ricca	Battalion Chief
" " "	William Scholz	Captain
October 1, 1992	Albert Maresca	Deputy Chief
" " "	Charles Manara	Captain
" " "	Ronald Heath	Fire Prev. Specialist
" " "	William Dougherty	Firefighter
" " "	Robert Lynch	Firefighter

### DEATHS

January 15, 1992	Joseph Camasta	Captain
March 14, 1992	Jon Collins	Firefighter
April 24, 1992	John Maloney	Fire Prev. Specialist
May 23, 1992	Alfred Freda	Deputy Chief

### TERMINATIONS

April 6, 1992	Joseph Evangelista	Firefighter
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# COMPANY STATISTICS

FOR THE YEAR 1992

COMPANY	TOTAL ALARMS ANSWERED	TOTAL ALARMS WORKED	EMERGENCY CALLS	HOURS OF ENGINE DUTY	FEET OF HOSE USED	HYDRANTS INSPECTED	DRILLS AND DEMONSTRATIONS	HOURS OUT OF QUARTERS	IN-SERVICE BUILDING INSPECTIONS
Eng. 5	1714	523	21	90	27800	287	314	750	166
Eng. 6	3054	763	0	156	59300	552	385	3300	265
Eng. 7	3135	970	35	210	75650	227	349	2289	384
Eng. 8	1229	463	10	131	43250	220	367	642	155
Eng. 9	2654	1158	0	218	66800	452	415	1065	509
Eng. 10	2208	833	0	185	53800	245	261	782	248
Eng. 11	2727	733	0	177	45900	560	262	1999	320
Eng. 12	2170	519	0	152	58950	120	407	1996	353
Eng. 13	1131	387	17	108	44419	208	170	1299	66
Eng. 14	1547	246	0	40	20900	98	69	836	164
Eng. 15	1957	3295	22	139	49250	300	405	2171	259
Eng. 16	613	226	12	59	13300	322	483	290	381
Eng. 17	2544	575	0	205	45600	246	361	895	388
Eng. 18	2605	688	0	252	69900	336	445	2421	298
Eng. 19	1159	347	6	98	24350	364	201	540	310
Eng. 21	1272	213	4	45	10050	243	337	2411	233
Eng. 26	1387	415	0	49	14650	306	368	2468	467
Eng. 27	1052	263	0	99	21000	321	362	2419	195
Eng. 28	1536	358	10	69	34600	546	363	511	286
Eng. 29	1489	346	2	113	9350	152	356	643	158
Rescue 1	2328	1269	0	0	0	0	304	1221	203
FIREBOAT	105	26	1	188	1150	0	94	193	0
TOTALS	39616	11656	140	2783	786,969	6102	7095	31139	5808

COMPANY STATISTICS  
FOR THE YEAR 1992

COMPANY	TOTAL ALARMS ANSWERED	TOTAL ALARMS WORKED	EMERGENCY CALLS	FEET OF LADDERS USED	NUMBER OF INSPECTIONS MADE	DRILLS AND DEMONSTRATIONS	HOURS OUT OF QUARTERS	NUMBER OF HYDRANTS INSPECTED
TRUCK 1	2225	636	0	13872	36	366	1324	0
TRUCK 4	931	156	0	2534	157	262	852	510
TRUCK 5	2340	902	0	11384	982	324	1008	240
TRUCK 6	1150	370	0	2942	203	324	1466	522
TRUCK 7	1826	521	19	14039	270	335	1349	412
TRUCK 8	784	131	2	2226	183	377	2216	786
TRUCK 9	1727	283	0	5709	299	201	1898	264
TRUCK 10	1545	158	0	3414	131	407	487	150
TRUCK 11	2577	331	8	8917	90	413	608	459
TRUCK 12	1261	200	4	1887	175	395	286	120
TOTALS	16374	3688	33	66888	2537	3404	11494	3463

BATTALION CHIEFS

	ALARMS ANSWERED	ALARMS WORKED	DISTRICT INSPECTIONS
BATTALION # 1	3479	549	214
BATTALION # 3	3384	1135	317
BATTALION # 4	3832	921	140
BATTALION # 5	1926	472	90
TOTALS	12621	3077	761

DEPUTY CHIEFS

	ALARMS ANSWERED	ALARMS WORKED	DIVISION INSPECTIONS
DEPUTY CHIEF # 1	1375	614	144
DEPUTY CHIEF # 2	961	306	105
TOTALS	2336	920	249

# DIVISION OF FIRE PREVENTION AND LIFE SAFETY

## ANNUAL REPORT

1992

Submitted By

Wayne S. Pugh, Fire Official

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1992 has been the beginning of an adjustment in the Fire Prevention Division. Adjustment has brought change and change has brought results.

The success of this division reflects upon the dedication of the personnel and their professionalism to get the job done.

### PUBLIC EDUCATION

The Newark Public Schools were visited during this year's Fire Prevention Week. Fire Prevention literature was distributed and lectures were given on the importance of Fire Prevention in the home and in the work place.

This division has collaborated with the Board of Education to abate the minor violations of the schools.

### VACANT BUILDINGS

The safety of the citizens who have less and tend to occupy the unsecured vacant buildings is one of the priorities of the Newark Fire Department as is the safety and protection of the firefighters.

Homeless persons, children, adjoining properties and firefighters are usually the victims when these buildings are unsecured.

This year this division has persevered in the securing and demolition of these unsafe structures.

### SMOKE DETECTORS

"Smoke Detectors Save Lives", "Don't Stay Home Without One", "Test Your Detector", "Its Sound Advice", are just a few slogans used to remind us of the significance of having an operating smoke detector in our home.

Though there were some fire casualties in the year 1992, our persistent enforcement of the Smoke Detector Laws and ordinance has caused a overwhelming decrease of the fire casualties in the city of Newark.

The newly adopted Smoke Detector Law requires at least one smoke detector on each level of one and two family dwellings when there is a change in occupancy or ownership. This law now gives us the opportunity to inspect buildings previously not under our jurisdiction.

### PLAN REVIEW

There was an undertaking to remove the plan review section, Fire Sub-code from this jurisdiction of the Fire Department. However, through the foresightedness of our city administration this did not occur.

The Plan Review section has maintained a high integrity in its responsibility to enforce the Uniform Construction Code and Building Code relevant to the Fire Sub-code.

The Plan Review section through dedication of career fire personnel have maintained an unequivocal high standard to insure the minimum, adequate fire protection for property and life safety in the construction, renovation, alteration and use of buildings and structures within our jurisdiction.

### FIRE STATISTICS/RECORDS

The Fire Records section of the Division of Fire Prevention and Life Safety has remained efficient despite the lack of manpower and computerization. There is always a Fire Inspector and Clerical staff available to assist the public with fire verifications, reports, answer technical questions and take telephone complaints of fire code violations.

### COMBUSTIBLES PERMITS

Combustible permits are a core in the inspection division. Permits are valid for one year and provide business owners with certification that they have been inspected.

Combustible permits are issued for drug and chemical establishments, storage of ordinary combustibles, parking stations, mobile cooking units, carnivals, junkyards, just to name a few.

The combustible permits are a way of showing proof of inspection and the minimum amount of fire safety to property and life are being monitored and maintained.

# DIVISION OF FIRE PREVENTION AND LIFE SAFETY

TOTAL INCIDENTS.....	19,850
FIRE INCIDENT RESPONSE.....	2,039
OTHER RESPONSE.....	9,626
MISC. SIG. 5'S NOT RECORDED.....	7,412
STRUCTURAL FIRES.....	1,021
Occupied buildings.....	864
Vacant buildings.....	157
NON-STRUCTURAL FIRES.....	3,196
Dumpsters.....	504
Automobiles (cars).....	1,304
Trucks/Buses/freight.....	17
Brush/Rubbish.....	1,457
Other.....	10
NON-HOSTILE FIRES.....	4,322
G/Cooking.....	1,309
Incinerator/Compactor.....	1,127
Arcing/Short Circuit.....	1,075
Other.....	811
MALICIOUS FALSE ALARMS.....	9,462
ALL OTHER RESPONSES.....	6,419
FIRE RELATED DEATHS.....	12
Civilians.....	12
Firefighters.....	0
MULTIPLE ALARM FIRES.....	55
2nd Alarms.....	52
3rd Alarms.....	3
4th Alarms.....	0
SIGNAL 11 FIRES.....	249
Occupied Building.....	178
Vacant Buildings.....	53
Non-Building.....	9
Non-fire Response.....	8
MUTUAL AID TO ASSIST NEWARK.....	0
OUT OF CITY RESPONSES.....	7

504  
1467  
71

TOTAL BUILDING INSPECTIONS.....	25,797
By Building Inspectors.....	18,967
In-Service Inspections.....	6,797
FIRE CODE VIOLATIONS PROCESSED.....	1,870
Bureau Inspectors.....	2,806
Telephone/Letters.....	1,064
Other Departments.....	467
In-service C.O.'s.....	590
SPECIAL BUREAU DETAILS.....	96
Public Functions - (Man Hours)	
FIRE INCIDENT REPORTS PROCESSED.....	548
FIRE PREVENTION LITERATURE DISTRIBUTED.....	3,997
VACANT BUILDING INSPECTIONS.....	960
SMOKE DETECTOR PLANS PROCESSED.....	1,227
SMOKE DETECTOR INSPECTIONS.....	205
FIRE INVESTIGATIONS.....	304
PHOTOGRAPHS TAKEN (Hazardous Structures).....	0
CERTIFICATES OF OCCUPANCY INSPECTIONS.....	694
PLANS EXAMINED.....	475
LETTERS SENT.....	2,607
Regular Mail.....	1,954
Registered Mail.....	653
COURT CASES INSTITUTED.....	31
Violations of the Fire Code	
COURT CASES INITIATED.....	244
Postponed.....	27
Dismissed.....	10
Bench Warrant.....	2
Docketed Judgement.....	1
Superior Court.....	196
Appeals.....	9
COURT TIME - (man Hours).....	117

FINES COLLECTED - (Pre - cases).....	0
DOCKETED FINES.....	0
BUILDINGS REGISTERED - (Life Hazard Use).....	4,102
REBATE FROM D.C.S., BUREAU OF LIFE SAFETY.....	\$410,623.00
PERMITS ISSUED.....	767
PERMIT FEES COLLECTED.....	\$47,125.00
FIRE INCIDENT REPORT FEES.....	\$5,480.00
PENALTIES ASSESSED (For Building Code Violations).....	\$14,149.50
TOTAL FEES COLECTED.....\$477,377.50	
SEMINAR/CONTINUING EDUCATION - (Man Hours).....	72
OFFICE LECTURES/ DEMONASTRATIONS - (MAN HOURS).....	46

N.H.A. HIGHRISE BUILDING REPORT

	<u>ACTUAL</u> <u>FIRES</u>	<u>INCINERATOR/</u> <u>COMPACTOR</u>	<u>FALSE</u> <u>ALARMS</u>	<u>OTHER</u>	<u>TOTAL</u> <u>RESPONSE</u>
Baxter Apartments	0	0	0	0	0
Baxter Elderly	1	0	0	0	1
Bradley Court	2	0	0	0	2
Columbus Homes	4	0	8	20	32
Felix Fuld	2	0	0	0	2
Hayes Homes	6	0	2	4	12
Hayes Elderly	0	0	2	0	2
Hyatt Court	2	0	0	0	2
Kretchmer Homes	2	0	2	14	18
Kretchmer Elderly	0	0	0	6	6
Pennington Court	0	0	0	4	4
Roosevelt Homes	0	0	0	0	0
Scudder Homes	6	0	0	14	20
Scudder Elderly	0	0	0	0	0
Seth Boyden Court	0	0	0	8	8
Seth Boyden Elderly	0	0	0	0	0
Stephen Crane	0	0	0	4	4
Stephen Crane Elderly	0	0	0	2	2
Walsh Homes	2	0	2	4	8
Wright	48	2	10	44	104
Other H/R not N.H.A.	62	18	50	110	240

NEWARK PUBLIC SCHOOLS  
ELEMENTARY SCHOOLS

	<u>ACTUAL FIRES</u>	<u>FALSE ALARMS</u>	<u>ALARM MALF.'S</u>	<u>OTHER INCIDENTS</u>	<u>TOTAL RESPONSES</u>
Abbingtion Avenue	3	6	0	1	10
Alexander Street	4	5	0	0	9
Ann Street	5	15	0	0	20
Avon Avenue	5	0	0	0	5
Belmont Runyon	0	0	0	0	0
Bergen Street	11	0	0	1	12
Bragraw Avenue	2	0	0	0	2
Broadway	4	1	0	0	5
Burnet Street	5	2	0	0	7
Camden Street	2	1	1	1	5
Camden Middle	24	1	0	0	25
Chancellor Avenue	12	5	0	0	17
Chancellor Ave.Annex	0	0	0	0	0
Cleveland	5	0	0	0	5
Clinton Avenue	2	1	0	0	3
Dayton Street	2	0	0	0	2
Eighteenth Avenue	4	2	0	0	6
Elliot Street	6	0	0	0	6
Fifteenth Avenue	8	4	0	2	14
First Avenue	2	1	0	0	3
Fourteenth Avenue	3	0	0	0	3
Franklin	14	1	0	1	16
G.W. Carver	34	1	0	1	36

ELEMENTARY SCHOOLS (Cont'd)

	<u>ACTUAL FIRES</u>	<u>FALSE ALARMS</u>	<u>ALARM MALF.'S</u>	<u>OTHER INCIDENTS</u>	<u>TOTAL RESPONSES</u>
Harriet Tubman	1	0	0	0	1
Hawkins Street	2	0	0	0	2
Lafayette Street	0	0	0	1	1
Lafayette St. Annex	0	0	0	0	0
Lincoln	4	1	0	0	5
Louise A. Spencer	7	0	0	0	7
Madison	1	2	0	0	3
Maple Avenue	6	2	0	0	8
Dr. M. L. King Jr	17	2	0	1	20
Mc Kinley	18	0	0	0	18
Miller Street	2	0	0	0	2
Morton Street	0	3	0	1	4
Mount Vernon	3	0	1	1	5
Newton Street	7	0	0	0	7
Oliver Street	1	0	0	0	1
Peshine Avenue	2	1	0	0	3
Quitman Street	5	0	0	0	5
Ridge Street	2	2	0	0	4
Roberto Clemente	1	0	0	0	1
Roberto Clem. Annex	0	0	0	0	0
Roseville Avenue	0	0	0	0	0
Roseville Ave. Annex	0	0	0	0	0
South Street	2	0	1	1	4

# ELEMENTARY SCHOOLS (Cont'd)

	<u>ACTUAL FIRES</u>	<u>FALSE ALARMS</u>	<u>ALARM MALF. S</u>	<u>OTHER INCIDENTS</u>	<u>TOTAL RESPONSES</u>
So. Seventeenth St	29	0	0	0	29
Speedway	3	0	0	0	3
Sussex Avenue	6	2	0	1	9
Sussex Ave. Annex	0	0	0	0	0
Marcus Garvey	5	0	0	0	5
Alma E. Flagg	7	0	0	2	9
Thirteenth Avenue	72	2	0	1	75
Warren Street	1	3	1	2	7
West Kinney Middle	0	0	0	0	0
Dr. William Horton	7	0	0	1	8
Wilson Avenue	7	0	0	0	7

## JUNIOR HIGH SCHOOLS

Broadway	0	0	0	4	4
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## SENIOR HIGH SCHOOLS

Arts	0	0	0	4	4
Barringer	4	12	0	6	22
Barringer Prep	2	4	6	2	14
Central	2	0	4	4	10
East Side	24	42	42	8	116
Ed.Center /Youth	0	0	0	0	0
M. X. Shabbazz	2	10	8	0	20
Newark Evening	0	0	0	0	0

SENIOR HIGH SCHOOLS (cont'd)

	ACTUAL FIRES	FALSE ALARMS	ALARM MALF.'S	OTHER INCIDENTS	TOTAL RESPONSES
Science	0	0	2	0	2
University	2	12	2	0	16
Weequahic	2	26	2	0	30
West Side	2	16	16	0	34

PROFESSIONAL ART SCHOOLS  
POST HIGH SCHOOL LEVEL

Newark School of Fine & Industrial Arts	0	0	0	0	0
--	---	---	---	---	---

SPECIAL SCHOOLS

Floyd Patterson	0	4	0	0	4
Montgomery Street	0	22	4	0	26
Arlington Avenue	0	0	0	0	0
Boylan Street	0	0	2	0	2
Branchbrook	0	0	0	0	0
Bruce Street (@ G.W. Carver)	0	0	0	0	0
Chestnut Street	0	0	0	0	0
Helen A. Keller (@ Louise A. Spencer)	0	0	0	0	0
John F. Kennedy	2	6	12	0	20
Samuel L. Berliner	0	4	0	0	4
Harold Wilson	0	0	0	18	18
NJ Regional Day	0	2	6	0	8
TOTALS (All Schools Combined)	417	220	129	53	819

MOBILE PROPERTY TYPETOTAL FIRES

## 1 - PASSENGER ROAD VEHICLES

11. Automobile.....	1,304
12. Bus.....	2
13. Motorcycle, Golf Cart, Snowmobile.....	1
14. Motor Home, Bookmobile, Etc. ....	0
15. Travel Trailer.....	2
16. Camping Trailer.....	0
17. Mobile Home.....	0

## 2 - FREIGHT ROAD TRANSPORT VEHICLES

21. Trucks Over 1 Ton, General Use.....	0
22. Trucks Under 1 Ton, General Use.....	0
23. Semi-Trailer Truck.....	0
24. Tank Truck Non-Flammable Cargo.....	3
25. Tank Truck Flammable/Combustible Cargo.....	0
26. Tank Truck Compressed Gas/L.P. Cargo.....	0
27. Trash Truck.....	0

## 3 - RAIL TRANSPORTATION VEHICLES

31. Passenger, Diner Car.....	0
32. Freight Box Car.....	0
33. Tank Car.....	0
34. Container, Piggy Back Car.....	0
35. Locomotive Engine.....	0
36. Self-Powered Car.....	0
37. Maintenance Equipment Car.....	0

## 4 - WATER TRANSPORT VESSELS

41. Motor Craft (under 65 ft.).....	0
42. Vessel (over 65 ft.).....	0
43. Passenger Ship.....	0
44. Tank Ship.....	0
45. Combat Ship.....	0
46. Cargo Ship (other than above).....	0
47. Vessels Without Power.....	0
48. Commercial Fishing Vessels.....	0
63. Fork Lift/Moving Equipment.....	0

1 - PUBLIC ASSEMBLY PROPERTY

TOTAL FIRES

12. VARIABLE USE AMUSEMENT PLACES

121. Ballroom, Gymnasium.....	0
122. Exhibition Hall.....	0
123. Arena, Grandstand.....	0
124. Playground.....	3

13. CHURCHES, FUNERAL PARLOR

131. Church, Chapel.....	3
132. Religious Education.....	0
133. Church Hall Meetings.....	0
134. Funeral Parlor, Morgue.....	1

16. EATING, DRINKING PLACES

161. Restaurant, Diner.....	6
162. Nightclub.....	0
163. Tavern.....	3
164. Lunchroom, Drive-In.....	0

2 - EDUCATIONAL PROPERTY

21. NON-RESIDENTIAL SCHOOLS

211. Nursery School.....	0
212. Kindergarten.....	0
213. Elementary School.....	23
214. Junior High School.....	48
215. High School.....	25

23. TRADE, BUSINESS SCHOOL

231. Vocational Trade School.....	0
232. Business School.....	0
233. Speciality School.....	0
234. Rehabilitation Center.....	1

24. COLLEGE, UNIVERSITY

241. College, University.....	0
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### 3 - INSTITUTIONAL PROPERTY

### TOTAL FIRES

31. CARE OF THE AGED	
311. Care of the Aged.....	0
32. CARE OF THE YOUNG	
321. Day Child-Care Center.....	2
322. Orphanage.....	0
323. Foster Home.....	0
33. CARE OF THE SICK, INJURED	
331. Hospital.....	1
332. Sanitarium.....	0
334. Clinic.....	0
34. CARE OF THE PHYSICALLY RESTRAINED	
341. Prison Cellblock - Men.....	4
342. Prison Cellblock - Women.....	0
343. Juvenile.....	0
345. Police Station.....	0

### 4 - RESIDENTIAL PROPERTY

41. ONE AND TWO FAMILY DWELLINGS	
411. One Family Dwelling.....	220
414. Two Family Dwelling.....	331
42. APARTMENTS, TENEMENTS, FLATS	
421. 1 Or 2 Units W/Business.....	7
422. 3 Through 6 Units.....	26
423. 7 Through 20 Units.....	49
424. Over 20 Units.....	67
43. ROOMING, BOARDING, LODGING HOUSES	
431. 3 To 8 Rooms.....	1
432. 9 To 15 Rooms.....	0
44. HOTELS, MOTELS, INNS	
441. Less Than 20 Units.....	1
443. 20 To 90 Units.....	1
445. 100 Or More Units.....	1

5 - STORE OFFICE PROPERTY

TOTAL FIRES

51. FOOD AND BEVERAGE SALES

511. Supermarket.....	0
512. Grocery Store.....	0
513. Speciality Food Store.....	0
514. Liquor, Beverage Store.....	1
515. Creamery, Dairy Store.....	0
516. Delicatessen.....	0

52. TEXTILE, WEARING APPAREL SALES

521. Clothing Store.....	0
522. Clothing Access-Shoe Store.....	0
523. Shoe Repair Shop.....	0
524. Tailor, Dressmaking Shop.....	0
525. Fur Store.....	0
526. Dry Goods Store.....	0

53. HOUSEHOLD GOODS, SALES, REPAIRS

531. Furniture Store.....	0
532. Appliance Store.....	0
533. Hardware Store.....	1
534. Music Store.....	0
535. Wallpaper, Paint Store.....	0
536. Rug, Floor Covering Store.....	0
537. Furniture Repair Shop.....	0
538. Appliance Repair Shop.....	0

54. SPECIALITY SHOP

541. Book, Stationery Store.....	1
542. Newsstand, Tobacco Shop.....	0
543. Drug Store.....	0

6 - BASIC INDUSTRY, UTILITY

64. UTILITIES

642. Electric Distribution Center.....	0
644. Gas Distribution Center.....	0
645. Flammable Distribution Center.....	0
646. Steam Distribution Center.....	0
647. Water Distribution Center.....	0
648. Sanitary - Garbage Service.....	2

7 - MANUFACTURING PROPERTYTOTAL FIRES

## 71. FOOD

711. Slaughter, Meat.....	1
712. Dairy Products, Mfg.....	0
713. Canning, Fruit, Vegetables.....	0
715. Grain Products, Mfg.....	0
716. Baking Products, Mfg.....	0
718. Snack Food, Mfg.....	0

## 72. BEVERAGE, TOBACCO, &amp; OILS

721. Distilling.....	0
722. Wines.....	0
723. Brewery, Malt.....	0
724. Soft Drinks.....	0
725. Tobacco Products.....	0
726. Oils.....	0
729. N.C.A.....	0

## 73. TEXTILES

732. Cotton Weaving.....	0
733. Wool.....	0
734. Mixed.....	0
735. Finishing.....	0
736. Knitting Mills.....	0
737. Rope, Twine.....	0
738. Floor Covering.....	0
739. N.C.A.....	0

## 74. FOOTWEAR, WEARING APPAREL

741. Footwear Mfg.....	0
742. Wearing Apparel Mfg.....	0
744. Tannery.....	0
746. Leather Products Mfg.....	0
747. Rubber Products Mfg.....	0

## 75. WOOD, PAPER, FURNITURE, PRINTING

751. Sawmill.....	0
753. Wood, Cork Products, Mfg.....	0
754. Furniture Mfg.....	0
757. Newspaper, Magazine.....	0

## 76. CHEMICAL, PLASTIC, PETROLEUM

762. Hazardous Chemicals Mfg.....	0
763. Plastic Mfg.....	0
767. Petroleum Refinery, Natural Gasplant.....	0

TOTALFIRES

77. METAL, METAL PRODUCTS

773. Metal Products Mfg.....	0
774. Machinery Mfg.....	0
775. Electric Equipment, Mfg.....	0

8 - STORAGER FACILITIES

80. STORAGE PROPERTY UNCLASSIFIED

808. Tool Shed.....	0
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86. CHEMICAL, PLASTIC PRODUCTS

861. Industrial Chemical.....	1
862. Hazardous Chemical.....	0
863. Plastic Products.....	0
864. Fertilizer.....	0
865. Paint - Varnish.....	0
866. Drugs, Cosmetics.....	0
867. Rubber, Rubber Products.....	0
868. Photo Film Storage.....	0

87. METAL PRODUCTS STORAGE

871. Basic Metal Form.....	0
872. Metal Parts.....	1
873. Hardware.....	1
874. Machinery.....	0
875. Electric Appliance Supply.....	0
876. Finished Metal Products.....	0
877. Scrap, Junkyards.....	1

88. VEHICLE STORAGE

881. Garage, Residential.....	13
882. Garage, Parking.....	0
883. Bus, Car, Truck, Fleet Dealers.....	0
884. Heavy Machine Equipment.....	0
885. Marinas - Boat, Ship.....	0
886. Aircraft Hangar.....	0
887. Railway Storage.....	0
888. Fire Station.....	0

TOTALFIRES

89. GENERAL ITEM STORAGE

891. General Warehouse.....	1
892. Bagged Mineral Products.....	0
893. Packaged Mineral Products.....	1
894. Freight Terminal.....	0
895. Coal, Coke, Charcoal.....	0
897. Ice Storage.....	0
898. Wharf Pier.....	0

9 - SPECIAL PROPERTY

91. CONSTRUCTION - UNOCCUPIED PROPERTY

DAI. 1. Under Construction.....	0
5. Vacant Property.....	16
6. Abandoned.....	0
Being Demolished.....	0

92. SPECIAL STRUCTURES

921. Bridge, trestle.....	0
922. Tunnel.....	0
923. Public Mailbox.....	0
924. Toll Station.....	0
925. Shelter, Bus, Storm.....	1
926. Outbuilding.....	0
927. Telephone Booth.....	0

93. OUTDOOR PROPERTIES

930. Insufficient Information.....	0
931. Open land Field.....	17
932. Dump, Land Fill.....	0
933. Residential Yard.....	363
934. Cemetary.....	1
936. Vacant Lot.....	212
937. Riverfront.....	0
938. Park.....	18

94. WATER AREA

942. Port, Channel.....	0
943. Piers.....	0
946. Inland Water Area.....	0

95. RAILROAD PROPERTY

951. Rairoad Right of Way.....	3
952. Switchyard.....	11
953. Siding.....	2

	<u>TOTALFIRES</u>
96. ROAD, PARKING PROPERTY	
961. Divided Highway.....	10
962. Paved Public Street.....	92
963. Paved Private Street.....	9
964. Open Parking Lot.....	1
97. AIRCRAFT AREAS	
971. In Flight.....	0
972. On Runway.....	0
974. At Loading Ramp.....	0
98. OUTSIDE EQUIPMENT - OPERATOR AREA	
981. Construction Site.....	0
984. Industrial Plant Yard.....	0

<u>J.C.A. - TYPE OF INCIDENT</u>	<u>TOTAL</u>
2 - OVERPRESSURE, OVERHEATING (No Ensuing Fire)	
21. Steam Rupture.....	15
22. Air, Gas Rupture.....	107
29. Overheat, Explosion.....	1
3 - RESCUE, EMERGENCY MEDICAL CALL	
31. Medical Assist.....	1
32. Emergency Medical Call.....	262
33. Lock-In.....	76
35. People Trapped.....	50
4 - HAZARDOUS CONDITION, STAND-BY	
41. Gas Leak/Flammable Liquid Spills.....	138
44. Electric Arc/Short.....	196
45. Oilburner Delayed Ignition.....	31
46. Vehicle Accident.....	34
49. Hazardous Condition Stand-By.....	135

TOTAL

5 - SERVICE CALL

51. Locked Out/Etc.....	74
52. Water Problem.....	19
53. Smoke/Odor Condition.....	481
54. Animal Problem.....	2
55. Police Assist.....	85
56. Unauthorized Burning.....	8

6 - GOOD INTENT CALL

61. Incident Cleared Prior to Arrival.....	46
62. Wrong Location.....	1
63. Controlled Burning.....	9
64. Multiple Box Pull.....	3
65. Steam/Gas Mistaken for Smoke.....	9

7 - FALSE CALL

71. Malicious.....	9,462
72. Bomb Scare.....	1
73. Malfunction.....	1,462
79. N.C.A.....	0

J.D.A.- ACTION TAKEN

32. Extrication.....	29
34. Manpower.....	4
35. Search.....	15
36. Transportation.....	0
37. Force Entry.....	0

41. Remove Hazard (Spills).....	3
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52. Move-up.....	4
53. Fire Watch.....	0
54. Water Removal.....	0
57. Force Entry.....	0

91. Code Enforcement.....	0
98. No Action Taken.....	0
99. Not Classified Above.....	0

J.E.A. - LEVEL OF ORIGIN

TOTAL

1 - LEVEL ABOVE GRADE

11. Grade Level.....	88
12. 2nd Story.....	13
13. 3rd Story.....	10
14. 4th to 5th.....	2
15. 6th to 10th.....	0
16. 11th to 15th.....	0
17. 16th to 20th.....	0
18. Over 20.....	0

2 - LEVEL BELOW GRADE

21. One Story Below Grade.....	14
22. 2nd Story Below Grade.....	0

J.C.B. CONDITION ON ARRIVAL

6. Fully Involved.....	10
7. Exposure.....	1

FIRES - AREA OF ORIGIN

0 - MEANS OF EGRESS

01. Hallway, Corridor, Mall.....	34
02. Exterior Stairway, Fire Escape.....	1
03. Interior Stairway, Ramp.....	8
04. Escalator.....	0
05. Lobby, Entrance Way.....	1

1 - ASSEMBLY, SALES AREA

11. Large Area w/Fixed Seats (100 or more).....	2
12. Large Open Room w-o Fixed Seats.....	2
13. Small Area Less Than 100.....	3
14. Lounge Area, Living Room-Den Etc.....	0
15. Sales, Showroom, Shop Area.....	2
16. Library.....	1

## 2 - Functional Area

21. Sleeping Room Under 5 Persons.....	151
22. Sleeping Area for 5-or more Persons.....	0
23. Dining Area, Lunchroom, Cafeteria.....	2
24. Kitchen, Cooking Area.....	85
25. Lavatory, Locker Room, Cloakroom.....	7
26. Laundry Room.....	5
27. Office.....	1
28. Personal Service Area, Health Club Etc.....	1

## 4 - STORAGE AREA

41. Storage Tank or Bin.....	1
42. Closet.....	2
43. Supply Storage Room.....	7
44. Record Storage Room, Vault.....	0
45. Shipping, Receiving Area.....	6
47. Garage, Carport.....	4

## 5 - SERVICE FACILITIES

51. Elevator, Dumbwaiter.....	1
52. Utility Shaft.....	1
53. Light Shaft.....	0
54. Chute, Laundry-Mall.....	0
55. Duct, Heat-Air Conditioner.....	0
56. Display Window.....	1
57. Chimney.....	0
58. Conveyor.....	0

## 6 - SERVICE, EQUIPMENT AREA

61. Machinery.....	3
62. Heating Equipment Room.....	24
64. Incinerator Room.....	2
65. Maintenance Shop.....	2

## 7 - STRUCTURAL AREA

72. Open Porch.....	0
74. Concealed Ceiling/Roof Space.....	5
75. Concealed Wall Space.....	0
76. Exterior Wall Surface.....	8
77. Exterior Roof Surface.....	4
78. Awning.....	0

## 8 - TRANSPORTATION, VEHICLE AREA

81. Passenger Area.....	442
82. Trunk Area.....	4
83. Engine Area.....	260
84. Fuel Tank, Line Area.....	1
85. Control Area.....	0
86. Exterior Area.....	3

## F - EQUIPMENT INVOLVED IN IGNITION

### 1 - HEATING SYSTEM

11. Central Heating Unit.....	1
12. Water Heater.....	0
13. Fixed, Stationary Local Heating Unit.....	0
14. Indoor Fireplace.....	0
15. Portable Local Heating Unit.....	0
16. Chimney, Vent, Flue.....	0
17. Chimney Connector, Vent, Connectors.....	0
18. Heat Transfer System.....	0

### 2 - COOKING EQUIPMENT

21. Fixed, Stationary Surface Unit.....	2
22. Fixed, Stationary Ovens, Rotisseries.....	0
23. Fixed, Stationary Food Warmers.....	0
24. Deep-Fat Fryer.....	0
25. Portable Cooking, Warming Unit.....	0
26. Open Fired Grill.....	0
27. Grease Hood, Duct.....	0

### 3 - AIR CONDITIONING, REFRIGRATION EQUIPMENT

31. Central Air Cond. Refrig. ....	0
32. Water Colling Device.....	0
33. Fixed, Stationary Local Refrig. Unit.....	0
34. Fixed, Stationary Local Air Cond. Unit.....	0
35. Portable Air Cond. Refrig. Unit.....	0

DIVISION OF INVESTIGATION  
(Arson Squad)  
ANNUAL REPORT FOR THE YEAR 1992  
SUBMITTED BY  
Deputy Chief James V. Raymond

-----  
The following is a report of the activities of the Division of Investigation's Arson Squad and the Office of Hazardous Materials for the year of 1992.

The complete records of all investigations and inspections conducted by the Arson Squad, and the Office of Hazardous Materials including photographs, evidence, statements, violations etc. , are on file in the Offices of the Arson Squad, located at Fire Headquarters, 1010 18th Ave. and the Office of Hazardous Materials 188 Mulberry Street. All information will be made available to interested parties where needed for deposition, Grand Jury Presentation, Criminal Prosecution, Civil Suit or for any purpose demanded by law.

Records of juvenile apprehensions, adult arrests, together with court dispositions of these arrest, are on file in the Arson Squad Office, and will be made available to the proper authorities upon request.

Records for facilities that registered for a permit under the Hazardous Materials Regulations of the City Newark are on file with the Office of Hazardous Materials. Information contained in these files are strictly confidential and is not for publication.

The Arson Squad has maintained a daily association with other bureaus of municipal government, such as the Newark Police Department's Youth Aid Bureau, Homicide Squad, Night Detective Division, and the Patrol Division, Board of Education, Fire Prevention Bureau and Life Safety Division, Engineering Department, as well as the Department of Health and Welfare.

Throughout the past year, we have continued our liaison with the New Jersey State Police, Essex County Prosecutor's Office, Federal Bureau of Investigation, Alcohol, Tobacco, and Firearms, New Jersey Division of Motor Vehicles, Essex County Sheriffs Department Bomb Unit, and Canine Investigation Unit, New Jersey Division of Family Services, and the New Jersey Insurance Fraud Commission. All of these agencies have given us important assistance in many of our investigations and we express our gratitude for this help.

Members of the Arson Squad assist the Division of Criminal Justice with their In-Service Training programs established under N.J.S.A. 40A:14-7.1 and also continue to cooperate with the Essex County Prosecutor's Office ( Arson Task Force ) with investigations throughout Essex County.

The Division of Investigation has undertaken a new realm of investigations, in that we are now investigating in the area of illegal dumping of both Hazardous and Solid Waste.

Members of the Division of Investigation conduct and assist in the training of newly appointed firefighters as well as those Firefighters that have been on the job for a period of time. The Arson Squad also assist in training other arson units through the use of films from our library and knowledge obtained through numerous investigations.. We also conduct background investigations on all prospective candidates for the Newark Fire Department.

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MEMBERS OF THE ARSON SQUAD TOOK PART IN THE FOLLOWING SCHOOLS AND SEMINARS.

1. Basic Arson Investigation Course, given by the New Jersey Division of Criminal Justice, Trenton, New Jersey.
2. Basic Course for Environmental Crimes, given by the New Jersey Division of Criminal Justice, Trenton New Jersey
3. Basic Arson Investigation Course, given by the New Jersey Division of Criminal Justice, Trenton, New Jersey.
4. Instructor Training Course for self defense using the Monadnock PR-24 Baton.

5. Electricity as a Fire Cause, given by the University of Delaware.
6. Radiation detection and meter training, given by the New Jersey State Police, Trenton, New Jersey.
7. Hazardous Materials Awareness Training, given by the New Jersey State Police, Trenton, New Jersey.
8. Incident Comand, given by the Newark Fire Department Training Academy.
9. Fire fatality investigation seminar conducted by the Morris County Prosecutor's Office.
10. Conference sponsored by the Federal Bureau of Alcohol, Tobacco, and Firearms (ATF) concerning automobile fires.
11. Attended quarterly meetings of the International Association of Arson Investigators (IAAI) at the Monmouth County Police and Fire Academy.
12. Attended several organizational meetings on the computer aided dispatch system which will be instituted.
13. Attended meetings at St. Barnabus Medical Center on Juvenile Firesetters concerning psychological testing and hospital facilities available.
14. All members requalified in the care and use of firearms at the Newark Police Department Range, Jersey City, New Jersey.
15. Monthly training seminars at the office of the Arson Task Force in Essex County regarding changes and updates in Title 2C, of the New Jersey Criminal Code.
16. In-Service Training by the Division of Criminal Justice, given at the Morris County Police and Fire Academy and Burlington County Fire Academy.
17. Firefighters Responsibility in Arson Detection given to all recruit classes, and newly appointed Captains in the City of Newark.

The Division of Investigation has added extra patrols that look for and apprehend violators of the New Jersey Solid Waste laws.

Also have supplied instructors to the Insurance industry in Arson related vehicle fires.

The Division of Investigation gives priodic lectures to the Newark School system on the danger of spraying MACE and other chemical compounds within school areas.

DIVISION OF INVESTIGATION  
( Arson Squad )

Investigations for the year 1991

Signal 100	378
Signal 102	642
Multiple Alarms	45
Sig. 200(Deaths)	13
Signal 300	4
Complaints	240
Illegal Dumping	8

BREAKDOWN OF INVESTIGATIONS

	<u>Buildings</u>	<u>Non-Buildings</u>	<u>Vehicles</u>	<u>Total</u>
Arson	75	2	78	155
Suspicious	190	50	264	504
Undetermined	163	49	54	266
Accidental	105	6	17	128
C/mischief	5	3	0	8
Complaints	23	201	16	240
Total	561	311	429	1,301

	<u>ARREST</u>	<u>REPRIMANDS</u>
Adult	63	14
Juvenile	31	58
Illegal Dumping	8	0
Total	102	72

Follow-up Investigations	470
Court hours	307.5 hours

# DEATHS BY FIRE 1992

Date	Time	Station	Address	Sex	Age	Cause
=====	=====	=====	=====	=====	=====	=====
01-27	0228	4631	80 Willoughby St.	F	31	Undetermined
04-01	0142	2536	19 Vandrepool St.	M	42	Arson/Homicide
04-01	0142	2536	19 Vanderpool St.	M	?	Arson/Homicide
04-01	0142	2536	19 Vanderpool St.	F	37	Arson/Homicide
07-02	2349	4434	641 Springfield Av	M	?	Arson
08-06	1455	4235	146 Peshine Av	M	76	Accidental
12-12	1426	4446	691 So. 18th St.	F	3	Accidental
12-12	1426	4446	691 So. 18th St.	F	45	Accidental
12-19	0455	3514	809 Clifton Av	F	66	Undetermined
12-25	0840	5158	35 Blanchard St.	M	41	Accidental
12-25	0840	5158	35 Blanchard St.	M	25	Accidental
12-25	0840	5158	35 Blanchard St.	M	27	Accidental
12-31	0137	2323	66 Brunswick St.	M	?	Suspicious

FIRE SIGNAL SYSTEM OPERATION  
COMMUNICATIONS  
ANNUAL REPORT  
FOR THE YEAR 1992  
WALTER MASZCZAK, CHIEF  
HENRY PRZYBLOWICZ, ASST. CHIEF

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The Division's Operations Unit receives alarms, dispatches units, conducts all emergency radio communications and controls the status and movement of all emergency units. It records all alarm activity and radio traffic for future reference and regularly tests all alarm circuits. It also coordinates special requests for emergency responses from other agencies.

The Construction and Maintenance Unit maintains and repairs the department's Fire Signal System, which includes a total of 750 private and street fire alarm boxes, signal consoles in the fire houses and a twenty five square mile area of overhead and underground cable. The Unit is also responsible for the inventory, maintenance and repair of the department's emergency radio system. This includes all mobile units, portable units, receivers, and associated equipment.

FIRE SIGNAL SYSTEM  
MAINTENANCE & CONSTRUCTION

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The following is an account of this Division's work performed during the year 1992.

Subterranean ducts rodded, (feet of)	7,350
Pull wire installed in ducts, (feet of)	8,000
Subterranean cable installed, (feet of)	120,000
Subterranean cable removed, (feet of conductor)	60,000
Single line wire removed and installed new (feet of)	8,400
Aerial "C" wire installed, (feet of conductor)	35,000
Fire alarm boxes serviced, modified, and installed	55
Fire alarm boxes inspected tested and wound	45,000
Stanchions & junction boxes modified & replaced	25
Pole line transfers completed	120
Trees trimmed	135
Ground rods buried	98
Firehouse chargers serviced	26
Field inspections, (hours of)	180
Training sessions, (hours of)	90
Housekeeping / Vehicle maintenance, (hours of)	140
Major jobs completed	2,800
Minor jobs completed	7,900
Pre-construction and survey conferences	24
Painting pedestals & fire boxes	185

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Total Emergency Incidents Responded To	1495	1480	1686	1675	1948	1981	1790	1569	1553	1707	1457	1509	19,850
Total Move-Ups to Cover Vacated Firehouse	68	66	29	31	51	49	45	36	28	40	49	71	563
Total Miscellaneous Alarms (Repairs, Drills, Etc.)	357	396	377	368	399	374	410	383	412	424	363	362	4,625
Total of the Foregoing	1920	1942	2092	2074	2398	2404	2245	1988	1993	2171	1869	1942	25,038
Total Incidents Received by Fire Alarm Box	640	746	900	912	1036	1093	954	750	717	842	669	584	9,843
Total Incidents Received by Telephone	710	617	612	654	789	755	680	679	721	711	655	766	8,575
Total Incidents Received by Automatic Means	129	101	145	90	93	104	126	99	93	121	102	122	1,325
Total Incidents Received by Departmental Radio	16	16	29	19	30	29	30	41	22	33	31	37	333
Signal 5 Alarms (1 Unit)	566	525	586	580	686	744	625	552	607	667	575	699	7,412
Signal 8 Alarms (B/C 1 Eng. 1 Lad.)	160	129	168	109	321	131	135	110	120	142	114	125	1,764
Signal 9 Alarms (B/C 2 Eng. 1 Lad.)	580	632	767	815	729	875	817	687	657	724	599	509	8,669
Full Assignment Alarms (B/C D/C 4 Eng. 2Lad. Rescue)	189	194	165	171	212	231	213	220	169	174	169	176	2,283

1992

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Signal 300 Incidents (Malicious False Alarm)	615	672	874	875	1023	1047	924	727	707	828	629	541	9,462
Signal 305 Incidents (Used 1 Unit)	570	551	562	579	646	716	633	604	618	650	578	713	7,420
Signal 308 Incidents (Used B/C 1 Eng. 1 Lad.)	263	214	222	184	227	183	193	199	185	182	207	210	2,469
Signal 309 Incidents (Used B/C 2 Eng. 1 Lad.)	118	13	9	16	27	12	19	18	21	18	14	10	195
Signal 11 Incidents Used Full 1st Alarm)	22	20	17	19	20	19	16	16	18	27	26	29	249
2-Alarm Fires	6	9	2	2	5	3	5	5	4	2	3	5	51
3-Alarm Fires	1	1	0	0	0	1	0	0	0	0	0	1	4
4-Alarm Fires	0	0	0	0	0	0	0	0	0	0	0	0	0
Signal 10 Assignments (Fill Out Full 1st Alarm)	5	6	3	2	2	3	7	8	3	4	4	5	58
Fire Fatalities	6	5	1	1	2	3	0	0	0	0	0	2	20
Injuries Tended To	11	16	9	16	11	14	19	14	8	7	14	2	141
Mutual Aid In (Total Number Of Times)	1	0	0	0	0	0	0	0	0	0	0	0	1
Mutual Aid Out (Total Number Of Times)	1	0	2	1	0	0	0	1	0	3	0	0	7

1992

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
False Alarms Received by Box	480	590	671	704	875	896	883	793	690	796	621	551	8,550
False Alarms Received by Telephone	68	60	82	62	105	74	111	101	77	58	89	76	963
False Alarms Received by Automatic Means	4	5	9	6	9	10	15	12	4	16	7	15	112
False Alarms Received by Departmental Radio	1	0	0	0	0	0	0	0	2	1	0	1	5
TOTAL FALSE ALARMS	553	655	762	772	989	980	1009	908	772	870	718	642	9,630

School False Alarms	97	115	107	96	140	104	27	27	43	70	58	70	954
Residential False Alarms	36	33	46	23	47	35	60	62	50	49	80	72	593
Commercial False Alarms	0	3	4	8	7	2	3	5	6	13	8	14	74
Medical Facility False Alarms	3	3	4	4	7	2	3	4	1	2	5	3	41

OFFICE OF HAZARDOUS MATERIAL  
ANNUAL REPORT FOR THE YEAR 1992  
SUBMITTED BY BATTALION CHIEF ANTHONY APOSTOLICO

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The Office of Hazardous Materials is responsible for coordinating the hazardous materials response of the Newark Fire Department. This responsibility includes:

- Enforcement of the Hazardous Materials Ordinance
- The research and purchase of equipment for the Hazardous Materials Response Team (HMRT)
- Coordination of training for members of the HMRT
- The update of baseline physicals for members of the Team
- Maintenance of the Emergency Information System
- Record-keeping of Haz-Mat responses in the City
- Coordination of the Newark Fire Auxiliaries

HAZARDOUS MATERIALS ORDINANCE

72 inspections of various facilities throughout the City have been conducted over the past year. Packets explaining the City's Hazardous Materials Ordinance have been left at these locations after each inspection. These packets contain applications for permits which are issued from this office. Additionally, forms explaining what materials are on a site and where they are located must be filled out in detail and filed with us. Fees for all Hazardous Material Permits are collected before any permits are issued. During 1992, 24 permits have been issued for which the sum of \$17,957.27 has been paid.

The Office of Hazardous Materials is responsible for the collection of the Annual Maintenance Fees under the Ordinance. \$46,650.00 was collected over the course of the year.

Members of this office also attended 17 meetings dealing with the Department's Haz-Mat response.

RESEARCH AND PURCHASE OF EQUIPMENT

Under New Jersey law NJS-1300, 5% of the gross receipts of Chemical Waste Management at 100 Lister Avenue is given to the City. These funds are to be used to defray the cost of establishing and maintaining a Hazardous Materials Response Team (HMRT). The Office of Hazardous Materials uses these funds to purchase the supplies and training needed to maintain a viable Haz-Mat response within the City.

This office maintains the account records of the NJS-1300 monies. Before purchases of new equipment are made, extensive research is conducted. Approval is then sought from the Director/Fire Chief. Because the field of hazardous materials response is so new, equipment is continually being updated. What was thought to be essential yesterday, is proven useless overnight. The cautious, time consuming process followed by the Department has allowed us to avoid the purchase of unneeded equipment and materials.

## TRAINING

The skills of members of the HMRT must be routinely sharpened for the Department to maintain a viable Haz-Mat response. Drills with equipment are conducted in company quarters on a regular basis. Specialized training is given by outside vendors when necessary.

## BASELINE PHYSICALS

Under Federal law all potential responders to hazardous material releases must have a baseline physical. After receiving a baseline, potential responders must be monitored at least once a year. The Office of Occupational Health Services at Saint James Hospital has been contracted to conduct these physicals for the HMRT members. The doctor-patient relationship is strictly honored. All medical records are confidential and are stored in the Office of Occupational Health Services. This office coordinates all the medical tests that are required for members of the Team.

## EMERGENCY INFORMATION SYSTEM

A data base, the Emergency Information System (EIS), containing information on facilities located throughout the City is maintained in this office. This data base is continually updated as we receive new information. The source of most of our information is applications for Hazardous Material Permits.

## RECORD-KEEPING OF HAZ-MAT RESPONSES

All records of responses by the HMRT are stored in this office. These records include reports of responses; records of expendable supplies uses; any reports of damage to equipment; special reports of extreme hazards encountered; and exposure records of HMRT members.

## AUXILIARIES

This office is also responsible for coordinating the Newark Fire Auxiliaries. Applications for membership are filed with us; as are records of members.

CITY OF NEWARK  
OFFICE OF HAZARDOUS MATERIALS  
ANNUAL PERFORMANCE REPORT

HAZARDOUS MATERIALS INSPECTIONS	72
HAZARDOUS MATERIALS INCIDENTS	518
MEETINGS	17
PERMITS ISSUED	24
TOTAL PERMIT FEES COLLECTED	\$17,957.27
PERMIT MAINTAINENCE FEES COLLECTED	\$46,650.00
TOTAL FEES COLLECTED	\$64,607.27

SPECIAL SERVICES AND SUPPLY COMPANY  
ANNUAL REPORT SUBMITTED BY  
JOHN J. TARTIS, DEPUTY CHIEF  
FOR THE YEAR 1992

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The Special Services and Supply Division operated on an around the clock basis throughout 1992 and continued to provide the necessary services of supply and repair to all Fire Department units, other city departments and agencies and the community in general.

Accomplishments and services provided by the various departments and personnel of this division during 1992 are as follows:

**DELIVERY AND PICK UP SERVICE;** Deliveries and pick ups were made on a morning, afternoon, and evening basis as per schedule for routine items and problems of an emergency nature were handled immediately. Supplies that were handled varied, and included tools, extinguishers, oxygen, and air cylinders, pumps, self-contained breathing apparatus, furniture, lockers, hose, other firefighting equipment, Haz-Mat supplies, and other miscellaneous supplies.

Special Services personnel responded to the fire scenes with fuel for apparatus, air tanks, salvage covers, foam, Hi-Ex foam generator, smoke ejector, and other supplies and equipment. Salvage covers were picked up from fire scenes and returned to fire companies after being cleaned and dried. Fire apparatus requiring repair or replacement were picked up and delivered to various locations. Vehicles and personnel were supplied to assist in relief of firefighters at tour changes.

**MASK DEPARTMENT:** The Mask Department is charged with repair and continuing maintenance of all types of self-contained breathing apparatus used by the department. During 1992, 505 masks were repaired and rebuilt to proper working specifications. 13,500 air cylinders were checked and refilled, and 652 cylinders were repaired. A random cylinder is tested by Liquid Carbonic Company each month for air purity.

**HOSE DEPARTMENT:** The Hose Department kept all fire companies properly supplied with hose, nozzles, fittings, and appliances during 1992. All hose was subjected to the annual pressure test. Defective or damaged hose was repaired or replaced. The Angus 13/4" hose has been supplied to all pumpers with the Elkhart SM-30 nozzle. This will give companies a flow rate of 250 gallons per minute.

**SUPPLY DEPARTMENT:** Tools, equipment, and supplies were ordered, received, checked, and recorded, stored, or distributed as needed throughout the department. Personnel repaired porto-lights, desk lamps, extension cords, K-12 saws, generators, and other equipment. The City Carpenter Shop repaired broken hook handles, chairs, and tables.

Through this department maintenance and upkeep of Fire Department buildings is accomplished through liaison with other city agencies.

LADDER DEPARTMENT: Various size metal ladders were received, stored, and placed in service with fire companies. All department ladders are now maintained and repaired by Special Service personnel.

CANVAS DEPARTMENT: Canvas items, such as mask box covers, control box covers for truck companies, chain saw sheaths, electrical generator covers, and rope bags are made in this department. Window shades are made or repaired for all Fire Department buildings. The firefighter assigned to the Canvas Department also works with the Mask Department in filling air tanks and repairing masks.

OTHER ACTIVITIES: Special Service Division has been charged with purchase, distribution, and replacement of safety equipment for firefighting personnel.

Portable pumps were made available to the public on 37 occasions for flooding conditions. Portable electric generators, lamps, cables, and extinguishers were made available and distributed for various community demonstrations and functions.

Each department of Special Service and Supply kept records and file system; and submitted required reports consistent with their duties and activities. Housekeeping duties were performed to maintain quarters in a clean and presentable condition.

OBJECTIVES: To continue to provide quality service to all Fire Department units, city agencies and the community in general.

To continue to secure and evaluate new products, tools, and equipment. This will insure that the firefighter will have the best available items with which to provide top service.

To work with the Telegraph Division and involved outside agencies to achieve computerization of all Special Service and Supply Division records to improve reliability and efficiency in control of inventory and record keeping.

# SPECIAL SERVICES AND SUPPLY COMPANY

## PERFORMANCE REPORT 1992

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Number of Alarms Answered	69
Pickups and Deliveries Made	12,430
Gasoline Delivered at Fires (Gallons)	0
Motor Oil Distributed at Fires (Gallons)	11
Diesel Oil Distributed at Fires (Gallons)	120
Electric Generators Used	8
Floodlight Cables Used	13
Number of Lights Used	10
Window Shades Made	136
Portable Pump Supplied For Flooding	17
Hours For Delivery and Instruction on Pump	37
Portolites Repaired	195
Portolite Batteries Delivered	514
Foam Delivered (Gallons)	480
Oxygen Cyclinders Refilled	101
Air Cyclinders Refilled	13,005
Air Cyclinder Repaired	652
CO-2 Extinguishers Refilled	172
Dry Powder Extinguishers Refilled	159
Masks Repaired	505
Canvas Covers Made	96
Smoke Ejector Special Calls	2
Hi Expansion Foam Special Calls	0
Ladders Repaired	31
Ladders Repaired (Feet)	478
Movement of Apparatus	16
Hooks Repaired	32
Salvage Cover Pickups	23
Saws Repaired	149
Generators Repaired	45
Salvage Covers Delivered	65

### EQUIPMENT ISSUED TO FIREFIGHTERS IN 1992

Gloves	309
Boots	186
Coats	87

SPECIAL SERVICES AND SUPPLY COMPANY  
ANNUAL APPARATUS REPORT FOR THE YEAR OF 1992  
SUBMITTED BY  
CAPTAIN MICHAEL LAWLESS

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In compliance with the rules and regulations, the following report is respectfully submitted outlining the activities of the Apparatus Division for the year 1992.

- \* Performed liaison work between the Repair Shop and the Fire Department.
- \* Serviced and tested Pumpers.
- \* Time tested and inspected aerial ladders.
- \* Change-over of apparatus was made when necessary.
- \* Lubrication, oil changes, and preventive maintenance work was performed periodically.
- \* Supervised the record keeping of Repairs to apparatus.
- \* Assisted in writing specifications for new apparatus.
- \* Performed an Inspection and Acceptance Testing of new apparatus.

The Fire Department has a fleet of 86 vehicles, and one Fireboat, consisting of:

- 16 Pumpers
- 4 Squirts
- 9 Trucks
- 1 Quint
- 3 Spare Pumpers
- 4 Spare Trucks
- 1 Rescue Squad
- 1 Spare Rescue Squad
- 1 Mobile Command Unit
- 1 Haz-Mat Spill Truck
- 1 Haz-Mat Command Truck

The remaining vehicles are assigned to Chiefs, the Training Center, Special Services and Supply Company, Division of Investigation, Community Relations Division, Telegraph Division, Division of Fire Prevention and Life Safety, and the Office of Emergency Management.

In 1992 there were four (4) new vehicles added to the fleet, two (2) Pumpers, one (1) Rearmount Truck, one (1) 42 ft Fire Boat

There were seven (7) vehicles decommissioned during the year: Five (5) Pumpers, one (1) Senior Aerial, and one (1) Chevrolet station wagon.

Following is a list of Vehicles and Assignments by Register Number:

Reg. No.	Year / Model	Assignment
1001	1987 Caprice Sedan	Fire Director
1002	1988 Caprice Sedan	Director's Office
1012	1986 Caprice Sedan	Fire Chief
1021	1989 Caprice Sedan	Emergency Management
1031	1983 Malibu Wagon	
1041	1990 Caprice Sedan	Div. of Investigation
1042	1990 Caprice Sedan	Div. of Investigation
1044	1987 Caprice Sedan	Photographer
1046	1986 Caprice Sedan	Div. of Investigation
1048	1988 Caprice Sedan	Div. of Investigation
1061	1987 Cavalier	Fire & Life Safety
1062	1987 Cavalier	Fire & Life Safety
1063	1981 Impala Wagon	Fire & Life Safety
1071	1983 Malibu Wagon	Repair Shop
1101	1986 Caprice Wagon	Deputy Division 1
1102	1986 Caprice Wagon	Deputy Division 2
1111	1986 Caprice Wagon	Battalion 1
1113	1986 Caprice Wagon	Battalion 3
1114	1987 Caprice Wagon	Battalion 4
1115	1987 Caprice Wagon	Battalion 5
1201	J. F. Kennedy Fireboat	Spare
1202	Renaissance Fireboat	Fireboat 1
1205	1987 Seagrave Pumper	Engine Co. 5
1206	1987 Seagrave Pumper	Engine Co. 6
1207	1984 E-One Squirt	Engine Co. 7
1208	1981 Continental Pumper	Engine Co. 8
1209	1989 E-One Squirt	Engine Co. 9
1210	1989 E-One Pumper	Engine Co. 10
1211	1986 E-One Pumper	Engine Co. 11
1212	1983 American La France Pumper	Engine Co. 28
1213	1989 E-One Pumper	Engine Co. 13
1214	1984 E-One Squirt	Engine Co. 14
1215	1983 American La France Pumper	Engine Co. 15
1216	1986 E-One Pumper	Engine Co. 16
1217	1989 E-One Pumper	Engine Co. 17
1218	1984 E-One Squirt	Engine Co. 21
1219	1989 E-One Pumper	Engine Co. 29
1221	1983 American La France Pumper	Spare
1226	1987 E-One Pumper	Engine Co. 18
1227	1986 E-One Pumper	Spare
1228	1981 Continental Pumper	Spare
1229	1981 Continental Pumper	Spare
1230	1990 E-One Pumper	Engine Co. 12
1231	1990 E-One Pumper	Engine Co. 27
1232	1992 E-One Pumper	Engine Co. 26
1233	1992 E-One Pumper	Engine Co. 19

Reg. No.	Year / Model	Assignment
1301	1985 E-One Quint	Truck Co. 1
1304	1975 Seagrave Rearmount	Truck Co. 5
1305	1982 Seagrave Rearmount	Spare
1306	1989 E-One Rearmount	Truck Co. 6
1307	1986 E-One Rearmount	Truck Co. 7
1308	1987 E-One Rearmount	Truck Co. 8
1309	1986 E-One Rearmount	Truck Co. 4
1310	1982 Seagrave Rearmount	Spare
1311	1989 E-One Rearmount	Truck Co. 11
1312	1987 E-One Rearmount	Truck Co. 12
1319	1991 E-One Rearmount	Truck Co. 9
1320	1992 E-One Rearmount	Truck Co. 10
1352	1979 Amer. La France Rearmount	Spare
1354	1982 Seagrave Rearmount	Spare
1401	1983 Impala Sedan	Haz-Mat Chief
1411	1986 Spartan	Haz-Mat
1412	1989 G.M.C.	Haz-Mat Spill Unit
1413	1991 Chevy Step Van	Haz-Mat Command Unit
1421	1985 E-One Rescue	Rescue 1
1454	1975 Mack	Spare Rescue/Haz-Mat
1501	1981 Impala Wagon	Dept. Messenger
1522	1988 G.M.C. Van	Special Services
1533	1981 Chevy Pick-up	Special Services
1534	1987 Chevy Pick-up	Special Services
1535	1978 Chevy Fuel Unit	Special Services
1601	1980 Impala Wagon	Training Chief
1622	1985 Chevy Van	Training
1661	1991 G.M.C. Jimmy F.W.D.	Training
1701	1987 Caprice Wagon	Fire Signal Chief
1722	1985 Chevy Van	Repair Shop
1723	1991 G.M.C.	Fire Signal
1743	1970 Boom Truck	Fire Signal
1744	1984 G.M.C. Boom Truck	Fire Signal
1745	1989 Ford Bucket Truck	Fire Signal
1746	1971 Utility Truck	Fire Signal
1767	1989 Reel Trailer	Fire Signal
1801	1986 Caprice Sedan	Community Relations
1812	1983 Malibu Wagon	Community Relations
1813	1987 Cavalier	Community Relations
1825	1991 G.M.C. Jimmy Van	Community Relations
1901	1983 Impala Sedan	Chief of Apparatus

SPECIAL SERVICES AND SUPPLY COMPANY

HOSE SHOP  
ANNUAL REPORT SUBMITTED BY  
CAPTAIN JOHN T. BENDEROTH  
FOR THE YEAR 1992

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		HOSE INVENTORY	TOTAL AVAILABLE
4 1/2" In service	20	15 ft. lengths	300 ft.
4 1/2" In reserve, new	6	15 ft. lengths	90 ft.
4 1/2" In reserve, used	5	15 ft. lengths	75 ft.
	31	15 ft. lengths	465 ft.
4" In service	298	50 ft. lengths	14,900 ft.
4" In reserve, new	105	50 ft. lengths	5,250 ft.
	403	50 ft. lengths	20,150 ft.
3" In service	19	50 ft. lengths	950 ft.
3" In reserve, used	163	50 ft. lengths	8,150 ft.
	182	50 ft. lengths	9,100 ft.
1 3/4" In service	405	50 ft. lengths	20,250 ft.
1 3/4" In reserve, new	170	50 ft. lengths	8,500 ft.
	575	50 ft. lengths	28,750 ft.
1 1/2" In service	20	50 ft. lengths	1,000 ft.
1 1/2" In reserve, used	3	50 ft. lengths	150 ft.
	23	50 ft. lengths	1,150 ft.
1" Booster in service	72	50 ft. lengths	3,600 ft.
1" Booster in reserve	40	50 ft. lengths	2,000 ft.
	112	50 ft. lengths	5,600 ft.
3/4" Booster in service	30	50 ft. lengths	1,500 ft.
3/4" Booster in reserve	20	20 ft. lengths	1,000 ft.
	50	50 ft. lengths	2,500 ft.

SPECIAL SERVICES AND SUPPLY COMPANY  
HOSE SHOP (2)

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NEW HOSE ISSUED

4 1/2"	15 ft. lengths	6
4"	50 ft. lengths	34
2 1/2"	50 ft. lengths	15
1 3/4"	50 ft. lengths	64
1 1/2"	50 ft. lengths	0
1 3/4" Hi Combat	50 ft. lengths	80
1" Booster	50 ft. lengths	17
3/4" Booster	50 ft. lengths	4
		220 lengths
		( 10,930 ft.)

HOSE REPAIRED

4 1/2"	15 ft. lengths	11
4"	50 ft. lengths	44
2 1/2"	50 ft. lengths	19
1 3/4"	50 ft. lengths	46
1 1/2"	50 ft. lengths	3
1"	50 ft. lengths	8
3/4"	50 ft. lengths	3
		134 lengths
		( 6,115 ft.)

Total number of valves, adapters, equipment,  
miscellaneous articles issued: 144      Repaired 165

TRAINING DIVISION  
ANNUAL REPORT FOR 1992  
SUBMITTED BY  
ANDREW T. WARGO, CAPTAIN  
COMMANDANT OF TRAINING

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The Training Division is responsible for all phases of Fire Department training. This responsibility includes training of recruit Firefighters, line companies, other city agencies and Industrial Fire Brigades. The training is accomplished using materials provided in the National Fire Protection Association's Standards and the International Fire Service Training Association Mannuals.

The following is a list of some of the programs carried out under the direction of the Training Division personnel in 1992.

High Rise, Fighting Fires In . . . . .	completed 4/6
Critique, Doremus Ave. Haz-Mat & Fire . . . . .	1/16
New Appartus, Company Indoctrination. . . . .	1/20
HHaz-Mat decon tent demo. . . . .	3/16
Pyrocap demo., extinguishing agent. . . . .	3/24
Engine 14 Drill at Tower. . . . .	3/30
Performance Standard #5, Standpipe Ops. . . . .	started 4/20
Ladder Pipe Drill, Truck 5 . . . . .	4/22
Multi Company Drill, Battalion 5 . . . . .	4/23
Haz-Mat Demonstration, Multi Company . . . . .	4/24
Foam Drill, Engine 27, Battalion 5 . . . . .	4/28
Drill in Tower Engine 5 . . . . .	4/28
Multi Company Drill, Battalion 5 . . . . .	4/30
High Rise Nozzle, Demostration . . . . .	completed 5/19
Port Authority Haz-Mat Drill . . . . .	completed 5/20
Training Commenced New Fireboat, ongoing. . . . .	6/11
City Hall, Fire Training . . . . .	6/25
Demonstration, 2" Fire Hose . . . . .	6/30
Airport Drill Briefing, At Newark Airport . . . . .	7/8
Rappeling Drill At Tower, Rescue, Engine 5 & Engine 9 . . . . .	7/16
Rappeling Drill At Tower, Rescue, Truck 1 . . . . .	7/22
Commenced Drivers License Copying . . . . .	7/23
Hosted Battalion Chief Test Seminar with Civil Service . . . . .	8/11
Hosted Fuel Oil Ignition Test, J. Reinhart Associates . . . . .	9/9
Multi Company Drill, Battalion 5 . . . . .	9/14
Multi Company Drill, . . . . .	9/25
Haz-Mat Drill, Multi Company . . . . .	9/23
Secret Service Meeting, Use of Fireboat President's Visit . . . . .	9/29
Haz-Mat Critique . . . . .	9/30
Hosted Valor Awards Ceremony . . . . .	10/7

Hosted Visit of the Boston Fire Department "Boston Sparks	10/10
Attended Pathogen Seminar in Morristown . . . . .	10/13
Hosted N.F.D. Historical Society Meeting. . . . .	10/14
Fire Extinguisher Training Housing Authority . . . . .	10/25
Hosted Visit of Cub Scout Pack . . . . .	10/25
Hosted Visit of Connecticut Fire Photographers Ass'n . . .	10/25
Taping Session for Dept. of Personnel . . . . .	11/5
Participated in the taping of Blue Cross Fire Safety Film	11/5
Attended Pathogen Meeting at Health Dept. . . . .	11/5
Safety Committee Meeting . . . . .	11/10
Hosted Meeting on Demolition of Celanese Smoke Stack . . .	11/17
Propane Fire Seminar (Fire Bustres) . . . . .	11/18
Participated in UMDNJ Fire Drill & Evacuation . . . . .	12/1
Anti Corruption & Ethics Seminar . . . . .	12/7
Pathogen Meeting at Health Department . . . . .	12/7
Water Pressure Test, Engine 5 & N.J. Testing Institute	12/13
Right to Know Training Completed Entire Department	12/22

#### WEEKEND TRAINING

We have continued our weekend training programs. Commercial video productions, videotapes produced by our own video team, slide presentations, and 16mm films are used to present pertinent subjects to field personnel who report to the Academy on both Saturday and Sunday. Drills are conducted in the classroom and on the drill field.

#### SPECIALIZED TRAINING

Training is conducted here in fire suppression,

#### DEMONSTRATIONS

##### -3M Fire-Stop

An important aspect of the Division's responsibility is the training of Industrial Fire Brigades and security forces of other governmental agencies. Training in fire fighting and related subjects was offered to the following agencies:

- University Hospital
- USCG

Other than the training functions of our staff, members are involved in other non-training types of activities. Among these are:

#### AUDIO-VISUAL PRODUCTIONS

The Audio-visual Department continues normal operations; filming at some fires and related emergencies so that we have visual records for training and critiques. During the past year we have continued to film and edit all phases of Haz-Mat training and other activities.

Training exercises and lectures are filmed. These can be shown to units in their quarters while they remain in-service. We continue to catalog all our file footage of actual fires in the City. This footage will be used to produce new training materials.

Additionally, our staff has frequently been asked to film non-emergency events for use by other City agencies. The raw footage is then edited and the final product delivered to the agency involved.

#### FIREBOAT JOHN F. KENNEDY

The Chief of Training is also responsible for the twenty-four hour operation of the City's only fireboat. During normal working hours, the Academy staff is ready to augment the one firefighter normally assigned to the boat. Deputy Chief Alfred Freda and Captain Andrew Wargo both go on stand-by when a light duty firefighter is assigned to the boat.

The boat is fully operational and kept in a high state of readiness. The regularly assigned personnel continue to train selected line companies to aid them in times of need.

Fireboat personnel act as instructors on weekends. They set up audio-visual equipment; show tapes and slides; and keep records of all weekend training activities.

The fireboat continues the practice of inspecting the Passaic River for pollution. Frequent inspections of the river are made and the sixteen outflows from the City are checked for illegal discharges on a regular basis.

We anticipate the delivery of a new fireboat, the "Renaissance", in March of 1992. Research for this boat was conducted over the past year. Specifications were drawn up and manufacturers were questioned before a decision on which boat was best for our conditions was made. The tremendous amount of time invested in the early stages of this research will pay off when this modern boat is finally brought on line.

#### HAZARDOUS MATERIALS LIAISON OFFICER

The Training Commandant has been assigned by the Director/Fire Chief as the Haz-Mat Liaison Officer. Hazardous materials response is now an acknowledged part of the fire service. Efforts to maintain and improve our department's level of response to Haz-Mat incidents continue. The Newark Fire Department remains in the forefront of hazardous materials response in the Northern New Jersey area.

The Haz-Mat office continues to coordinate the activities of the Hazardous Materials Response Team (HMRT). Report forms and related documents for Haz-Mat responses are filed in this office after being viewed by the Director/Fire Chief. The specialized equipment needed by the HMRT is purchased through the Haz-Mat Office. This equipment is purchased only after extensive research has been conducted and approval has been received from the Director/Fire Chief. The Haz-Mat annual report will be forwarded separately.

#### CHAIRMAN, SAFETY REVIEW AND ACCIDENT PREVENTION BOARD

Under General Order F-1, the Academy Chief has been assigned the role of Chairman of this important board. The Board has been holding monthly meetings; reviewing safety concerns; and investigating methods to reduce the number of accidents occurring in the Department. During the last twelve months, several accidents have been investigated with reports and recommendations forwarded to the office of the Director/Fire Chief. The annual report of this board will be forwarded separately.

#### EMPLOYEE HEALTH AND SAFETY COMMITTEE

The Chief of Training has been assigned by the Director/Fire Chief to represent the Fire Department on the Employee Health and Safety Committee. This is a city-wide committee put in place to deal with unsafe conditions in the work place before the need to report them to the State. This committee meets once a month; with other meetings being called as needed.

#### TRAINING RECORDS

Training records continue to be maintained and updated on the Academy computer. These records have allowed the Academy Staff to focus training efforts on shortfalls in past training. It is hoped that this more focused training regime will enable our personnel to more safely perform their duties.

#### CRITICAL INCIDENT STRESS DEBRIEFING TEAM

Over the past year the City has established a Critical Incident Stress Debriefing Team (CISDT). The Chief of Training has been assigned to coordinate the activities of this team within the Fire Department. A number of Fire Department personnel have volunteered to become a part of the CISDT. They have received training in techniques for handling members of the Department who are having a hard time dealing with the stresses encountered on our job. Team members meet periodically with their counterparts on the Police Department to discuss issues relating to the team. Any member of the Department who wants to speak with a CISDT member can call the Training Chief or the CISDT member. All information is kept strictly confidential.

#### COMMUNITY RELATIONS

The Community Relations Division was placed under the Chief of Training over the past year. It continues to act as a bridge between the Fire Department and the citizens of Newark; assisting fire victims and presenting fire education programs to the community. The Annual Report of this division will be forwarded separately.

The Commanding Officer of the Training Academy would like to express his heartfelt thanks to his limited staff: Battalion Chief Harry Carter, Captain Andrew Wargo, and Captain Eli Savarese. Special recognition must be given to Captain Joseph "Jack" Camasta, who, until his recent untimely death, was an inspiration and motivating force to all who had the honor of serving with him.

A debt of gratitude is also owed to Battalion Chief Apostolico and Firefighters Daly and Stoffers of the Haz-Mat Office.

These individuals have made it possible to successfully carry out all the tasks assigned to the Training Academy. Without them this would have been impossible.

A major part of our success belongs to Director/Fire Chief Kossup; whose progressive and enthusiastic leadership have enabled us to achieve our stated goals.

TRAINING DIVISION  
ANNUAL PERFORMANCE REPORT  
FOR THE YEAR 1991

<u>Academy Training</u>		<u>Demonstrations/Attendance</u>	
			Sessions/Attn.
SESSIONS IN QUARTERS	293	EXTINGUISHERS	3 112
SESSIONS OUT OF QUARTERS	5		
TOTAL SESSIONS	298		
HOURS OF INSTRUCTION	1233		
MAN HOURS	18,511		
TOTALS	19,744	TOTALS	3 112

CERTIFICATIONS: DRIVERS 31

FILMS AND TAPES SHOWN: 198 WITH 1777 IN ATTENDANCE

PLANNING AND RESEARCH DIVISION  
ANNUAL REPORT FOR THE YEAR 1992  
SUBMITTED BY  
ROBERT FITZPATRICK, BATTALION CHIEF

The Planning and Research Division provided staff assistance during 1992 as directed by the Fire Director. Other agencies were assisted when help was requested.

Areas of activities included , but were not limited to, the following:

Capital Budget Preparation and Monitoring

New Construction - Fire Facilities

(a) The new firehouse planned for Engine 10, Engine 12, Truck 5 and Battalion Chief 4 in the area of Clinton and Milford Avenues is currently in the design and site planning phase.

Fire Facility Rehabilitation Program

This program schedules major reconstruction of Fire Department facilities as required. Members of this Division met with the Department of General Services to coordinate and prioritize the major repairs needed at Fire Department facilities. A report concerning the on-going repair needs of these facilities was generated.

1990 Capital Budget Projects

- (a) Fire Headquarters
- (b) Fire Training Academy

1991 Capital Budget Projects

- (a) Engine Company 14
- (b) Engine Company 17
- (c) Engine Company 28

1992 Capital Budget Projects

- (a) Engine Company 15  
Truck Company 7
- (b) Various facilities as needed

### Apparatus Replacement program

This program is designed to maintain all first line apparatus at an age of 10 years or less, and spare apparatus of 14 years or less. The program is maintained with the purchase of two pumpers and one Aerial Ladder Truck each year. Two Pumpers were ordered in 1992.

### Sick Leave and Injury Reporting System

Sick leave and injury reports are updated and filed daily. Sick and injured personnel are checked for progress. Members injured "on the job" are monitored through the office of the Universal Industrial Clinic, retained by the City of Newark for this purpose. Reports pertaining to sick and injury leaves are presented to the Fire Director on a semi-weekly basis. Members on sick or injury leave contact this Division to receive permission to see the Department Physician or to leave their homes when necessary.

Injury statistics are collected and used to compile the State of New Jersey Public Employees Occupational Safety and Health Program Log and Summary of Occupational Injuries and Illnesses which is submitted to the State of New Jersey Department of Labor. In 1992, the Fire Department recorded 326 injury reports with 136 incidents requiring injury leave. Total lost time for the Fire Department due to injury during 1992 was 640 days. This Division made 68 temporary, "light duty" assignments to staff positions in 1992 for members who were recovering from injury or illness and were unable to perform full firefighting duty.

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- (a) base line physicals and health monitoring for Hazardous Material units personnel;
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Records concerning the Fire Officers' Deferred Vacation Bank were all verified, updated and entered on a computer application developed by this Division for simplified record keeping in future years.

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The Division acted as liaison to RMS, and the City of Newark Division of Data Processing in beginning the planned introduction of the C A D system to the Fire Department. The C A D system will provide upgraded field unit response information and improved record keeping for the Fire Department.

### Fuel Conservation (Motor Vehicles)

All Fire Department motor vehicle fuel consumption is recorded by this Division.

### Affirmative Action

This Division maintains records, and provides information for quarterly reports to the Human Rights Commission concerning all Department activities in the following areas:

- (a) Appointments
- (b) Retirements
- (c) Promotions
- (d) Demotions
- (e) Resignations

### General Orders of the Department

This Division maintains, reviews, and re-issues the Fire Department's General Orders, as directed.

### Special Assignments

This Division coordinated the Fire Department Annual Heroism Award Ceremony and various ceremonies as needed. This Division also provides information, as directed by the Director / Fire Chief, to organizations wishing to honor acts of courage and/or community service performed by members of the Fire Department. Survey information requested by outside agencies was provided by this Division when necessary.

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COMMUNITY RELATIONS DIVISION  
ANNUAL REPORT FOR THE YEAR 1992  
SUBMITTED BY WILFRED QUIST, FIREFIGHTER

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The Community Relations Division operates a 24-hour, seven day a week fire victim relocation program. We assist fire victims in finding emergency shelter in cooperation with public and private charitable organizations such as the American Red Cross. The unit also helps people with housing for non-fire related problems including unsafe buildings; buildings without heat or electricity; and buildings that have unhealthy living conditions. People we aid are given temporary housing. During the past year there were 1,642 people from 393 families who were displaced by fire and 12 families with special needs.

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A special effort is made by the Division to reach school aged children. This year was again an active one for fire safety education in the Newark school system. Every school in the city received at least one fire safety program; with many receiving grade level and special interest programs and assemblies.

In 1992 our Division worked with Sesame Street, the Division of Youth and Family Services, the Newark Preschool Council, the International Youth Organization, the Newark Office of Children, the Essex County Foster Home Recruitment Task Force, the Newark Festival of People, the Leaguers, the South District Task Force, and the Department's own "Rapping Fireman" Firefighter Bernard Buggs of 29 Engine. All these groups worked together under the coordination of Firefighter Ronald Ballew to put on programs that reached 6500 children and 1400 adults with Fire Safety messages and materials.

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The Community Relations Division also continued to deliver specialized fire safety training programs for the industrial and business communities. 245 of these programs were presented this year city wide.

This year, with the cooperation of the Art Department of the Newark Board of Education, the Newark Fire Safety Poster Contest was held once again. We had over 350 entries from which 14 were picked as City winners, and 8 were picked as County winners and there was 1 chosen to go to the State Contest.

Community Relations Specialist Avis B. Thomas again coordinated the Mayor's Christmas party. In the weeks prior to the party she and the volunteers were on Mc carter Highway collecting monies to purchase food baskets and toys. This year we were able to purchase over 4,000 toys that were distributed to the children and 300 food baskets to senior citizens. The Rutger's Alumni gave there time at the party and donated decorative mirrors that the Mayor raffled off to the senior citizens, and some toys for the children. The fund drive raised 14,000.00 that was used to purchase the toys, food baskets, and refreshments for the party.

We at the Community Relations Division would like to thank all of the members of the Newark Fire Department that helped us with all our programs.

I would like to thank the entire staff of the Community Relations Division their efforts over the past year helped make the programs of this division successful. It is hoped that their success has led to a better Newark.

CITY OF NEWARK  
FIRE DEPARTMENT

COMMUNITY RELATIONS DIVISION  
ANNUAL PERFORMANCE REPORT

ASSISTANCE RENDERED

RELOCATED 2156 people/652 families

SPECIAL CALLS 17 FAMILIES

FILMS SHOWN 423

FIRE PREVENTION PRESENTATIONS 307

SCHOOL SEMINARS 523

RECRUITMENT

APPLICANTS TRAINED 194

NEW APPLICATIONS 4725

ORGANIZATIONS WORKED WITH

THE DIVISION OF YOUTH AND FAMILY SERVICES, THE NEWARK OFFICE OF CHILDREN, THE NEWARK FESTIVAL OF PEOPLE, THE INTERNATIONAL YOUTH ORGANIZATION, THE NEWARK PRESCHOOL COUNCIL, THE SOUTH DISTRICT TASK FORCE, THE ESSEX COUNTY FOSTER HOME RECRUITMENT TASK FORCE, AND LEAGUERS WITH SESAME STREET ON FIRE SAFETY.

POSTER CONTEST

ENTRIES OVER 300

WINNERS (CITY) 13  
(COUNTY) 9

## NEWARK OFFICE OF EMERGENCY MANAGEMENT

ANNUAL REPORT FOR THE YEAR 1992

SUBMITTED BY

ROBERT D. SWALES

DEPUTY COORDINATOR

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The Newark Office of Emergency Management is a division within the Fire Department, headed by the Deputy Coordinator of Emergency Management.

### OBJECTIVES

The objectives of the Newark Office of Emergency Management are to respond to all major life and health threatening incidents (such as hazmat incidents) within the City of Newark, and to provide through that response the coordination of the efforts of all agencies and entities involved in responding to the incident, including public agencies from any level of government, private sector agencies, community and relief agencies and representatives of business and industry; to prepare for, respond to mitigate and recover from the effects of these incidents; to relieve Hazmat and Fire Companies from engagement in such incidents immediately after the response phase is completed; to maintain an equipped administrative office; to prepare and coordinate the preparation of detailed plans for survival actions under various conditions, ensuring the full participation of all agencies (public or private) that have a potential contribution; to make adequate plans for the management in an emergency, of resources in the city; to ensure implementation of the state plans for the continuity of government at all levels during emergencies; to coordinate the continual updating of all such plans and lists of personnel who would supplement various city departments in a crisis; and to provide coordination with the military establishments, reserve or regular, within the geographical boundaries of the city, for their assistance, if needed; to coordinate the Local Emergency Planning Committee (LEPC) as mandated by SARA; to provide an avenue of public access to information as mandated by SARA; to ensure industry compliance to SARA legislation; to maintain files and records of SARA reporting facilities; to take the necessary actions, in conjunction with other city agencies, that lead to the apprehension and prosecution of illegal dumpers and others responsible for endangering the welfare of the people of Newark through noncompliance or faulty compliance with chemical industry, transportation or handling regulations in the City of Newark through the exercise of surveillance, inspection or other means of detection; to provide, through the EOC, an Emergency Operating Facility capable of housing representatives of city government and city agencies for the purpose of providing command and control during an extended period of emergency; to provide the citizens

sufficient fallout shelters (either community or private), properly stocked and protected; and to meet Federal Emergency Management requirements for a co-funded municipal emergency management agency and the compliance requirements originating from the New Jersey State Police Office of Emergency Management and the Essex County of Emergency Management which include the provision of emergency management training and participation in the state-wide and county-wide drills and exercises; and to provide personnel from the various agencies of the City of Newark with the opportunity to participate in emergency management training courses.

### Field Response

The Newark Office of Emergency Management is specifically charged with the responsibility of responding to all hazardous materials incidents and multiple alarm fires. In the case of hazmat incidents, the OEM is not only a first-response agency, it is also the coordinating authority for cooperative action between city agencies and county, state and federal agencies such as the NJDEPE (New Jersey Department of Environmental Protection and Energy), the EPA (Environmental Protection Agency, the Essex County OEM (Office of Emergency Management), the NJOEM (New Jersey Office of Emergency Management Division of the New Jersey State Police) and any private sector companies such as contractors and industry officials that may be involved.

In this role the OEM negotiates on behalf of the City to reduce clean-up costs, remain on site to secure such agreements and ensure that proper recovery procedures are instituted, and generally follows up each incident to its conclusion, that is through clean-up and through the maze of litigations that are spawned by these incidents, sometimes lasting for years after the occurrences, always continuing long after the other response agencies have taken up, and it is due to this function of the OEM that Hazmat and Fire Companies are able to terminate their involvement in the incident at the logical transition between the response and recovery phases. In this context, the OEM works closely with a number of city departments such as the Fire Department, the Department of Engineering, the Law Department, and the Newark Police. In the past year, the Newark Office of Emergency Management has developed a close working relationship with the State Attorney General's Office, Department of Criminal Justice.

The Newark Office of Emergency Management responded to 555 calls relating to reports of hazardous materials incidents or related problems in 1992. The nature of these responses include on-site investigation of incidents, coordination of efforts with the Department of Environmental Protection, the Hazmat unit and other units of the Newark Fire Department, the Environmental Protection Agency, the Newark Department of Engineering and the Department of Criminal Justice to evaluate the actions leading to the apprehension of responsible parties. The OEM maintains and interest in each incident from discovery through clean-up, to ensure that the situation is corrected. A number of incidents

require a very close moonitoring, such as the ongoing cleanup at the White Chemical site, and at the Conus Chemical site, now EPA Superfund clean up projects. The OEM keeps records of all reported incidents and maintains files on all hazardous materials sites. The Newark OEM also has responsibility for opening temporary shelters for citizens who may be displaced in these incidents.

The primary function of the OEM in three alarm fires is to provide for the opening and operation of contingency shelters for large numbers of people when this becomes necessary. The OEM works as a coordinating agency in contact with the Essex County Chapter of the American Red Cross and the Superintendent of Schools as well as other social service agencies to ensure the provision of this shelter.

The OEM is also the agency that responds to reports of illegal dumping in the City, and as such performs surveillance, assists in apprehension, and provides testimony in court in order to ensure the prosecution of illegal dumpers. In this context, the OEM works in conjunction with the Law Department, the Prosector's Office, the Newark Police, and the Criminal Justice Department of the State Attorney General's Office.

### **Building Inspections**

In 1992 the Newark Office of Emergency Management participated with the Hazardous Materials Office of the Newark Fire Department in 52 building inspections.

### **Superfund Cleanup Sites**

The Newark Ooffice of Emergency Management coordinated the actions of the various agencies involved with two major Superfund sites in the City of Newark in 1992, the sites of Conus Chemical at 196 Roanoke Avenue and the site of White Chemical at 660 Frelinghuysen Avenue. When completed it is estimated that the cclean-up at these two sites will cost a combined sixteen million dollars.

### **THE LOCAL EMERGENCY PLANNING COMMITTEE (LEPC)**

Since the OEM is mandated by federal and state law to coordinate the implementation of Title III (SARA) legislation in conjunction with the Newark Departments of Fire, Engineering, Police, Health and other agencies. The OEM is currently working with private industry and with city agencies to meet the requirements of this legislation within the specified time frame. The Lepc was organized according to the participation formula specified in Title III and several meetings have been held.

## REVISION OF THE EMERGENCY OPERATING PLAN (EOP)

In 1989, The Emergency Operating Plan for the City of Newark was completed and received approval from the New Jersey State Police, Emergency Management Division. The Emergency Operating Plan is maintained and updated on a continual basis by the Office of Emergency Management, and a completely revised plan is submitted to the State every two years. The Newark Office of Emergency Management is now in the process of coordinating the first major revision of the Emergency Operating Plan in cooperation with all of the various city agencies who have an active role in emergency management.

### Training

The following training courses have been completed by Mr. Swales and Mr. Penn of this office;

#### HAZ-MAT TRAINING INFORMATION SERVICE INC

This company provided the following training at the Newark Hazmat training center;

Oct. 90	16hrs.	Leak and Spill control program
Nov. 90	16hrs.	Detection, Monitoring and Sampling program
Dec. 90	16hrs.	Hazardous Material Chemistry program
Jan. 91	16hrs.	Road Transportation of Hazardous Materials program
Feb. 91	16hrs.	Hazardous Materials Incident Command program

All of the above courses were attended by both Mr. Swales and Mr. Penn of the Newark Office of Emergency Management.

#### Newark Hazmat Training Center

Additional courses attended by Mr. Swales and Mr. Penn at the Newark HAZMAT Training Center include;

200 hours	EMT training
8 hours	Training Center in-house training with H-NU meters
8 hours	Training Center in-house training with AIMS meters
4 hours	Hazmat Chemistry Kit Training.

Emergency Management staff have also attended training sessions on other subjects such as Shelter Management and word processing/data entry.

Radiological equipment inventory and training are handled by the HAZMAT unit of the Newark Fire Department. All members of the HAZMAT unit have received radiological training from the State Radiological Officer. This training program was also given to other city personnel from OEM, Engineering and Health. On 3/30/92 two White Kits (Ludlums) were exchanged with the state and two newly calibrated kits were received, on 12/1/92 the following kits were rotated back to the state; 23 #777's, 574 #777-2's, and 28 #777-1's.

PHOTOGRAPHY DIVISION  
ANNUAL REPORT SUBMITTED BY  
FIREFIGHTER LAWRENCE KRIEGER  
FOR THE YEAR 1992

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MEDIA LIAISON & PHOTOGRAPHIC UNIT

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The following report is herewith respectfully submitted outlining the activities of the Public Relations and Photography Division for the year 1992:

This Division has continued to keep the public informed of the various events which occurred throughout the year. As the media liaison, I respond to fires and other incidents as requested by the Fire Director, gathering information and disseminating it via radio, television and newspapers, in the form of releases, news announcements, bulletins, etc.

ASSIGNMENTS RESPONDED TO

Signal 100 (Arson or Suspected)	86
Signal 200 (Death at a fire, not actual count)	9
Multiple Alarms (2nd or greater)	40
Public Relations (Includes attending ceremonies, appointments, awards, promotionals, demonstrations)	15
Special Assignments (working in cooperation with other agencies, Law Department, Division of Fire Prevention and Life Safety, Demolition and Engineering Departments)	<u>39</u>
Total Assignments Worked	254

Darkroom Activities Included:

Total Negatives Processed and Developed	1,920
Total Prints Processed and Developed	2,820

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I wish to extend my sincere thanks to Director / Fire Chief Stanley J. Kossup and to all the officers and members of the Fire Department, for their cooperation and assistance they gave me throughout the past year.

ANNUAL REPORT  
SUBMITTED BY THE  
CATHOLIC CHAPLAIN  
REV. MSGR. HORTON J. RAUGHT  
FOR THE YEAR 1992

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The following is a report of my activities as Chaplain of the Newark Fire Department for the year 1992.

I responded to multiple alarms of fire when summoned. When necessary I accompanied injured firefighters to the hospital from the fire scene.

I visited the various hospitals in the area to attend members of the Fire Department who were ill or injured in the line of duty. Visits were also made to their families when I was notified of their illness.

Attended wakes for the deceased members of the Fire Department or members of their families. I participated at the funeral services of members of the Department both active or retired.

Participated in all swearing in ceremonies of new Fire Department personnel as well as promotional ceremonies.

I conducted the 69th Annual Memorial Service for the deceased members of the Newark Fire Department. The Annual Memorial Mass and Service was conducted at St. Patrick's Pro Cathedral Newark, New Jersey. Also, I conducted the Annual Memorial Service at the Firefighters' Monument Plot in the Mt. Pleasant Cemetery, Newark, New Jersey.

Attended all activities both social and civic pertaining to the Newark Fire Department as well as those sponsored by the Bell and Siren Club.

I wish to express my deep and sincere gratitude to Fire Director / Fire Chief Stanley J. Kossup and to all the Officers and members of the Newark Fire Department for the friendship, courtesy and cooperation they have shown me.

Training exercises and lectures are filmed. These can be shown to units in their quarters while they remain in-service. We continue to catalog all our file footage of actual fires in the City. This footage will be used to produce new training materials.

Additionally, our staff has frequently been asked to film non-emergency events for use by other City agencies. The raw footage is then edited and the final product delivered to the agency involved.

#### FIREBOAT JOHN F. KENNEDY

The Chief of Training is also responsible for the twenty-four hour operation of the City's only fireboat. During normal working hours, the Academy staff is ready to augment the one firefighter normally assigned to the boat. Deputy Chief Alfred Freda and Captain Andrew Wargo both go on stand-by when a light duty firefighter is assigned to the boat.

The boat is fully operational and kept in a high state of readiness. The regularly assigned personnel continue to train selected line companies to aid them in times of need.

Fireboat personnel act as instructors on weekends. They set up audio-visual equipment; show tapes and slides; and keep records of all weekend training activities.

The fireboat continues the practice of inspecting the Passaic River for pollution. Frequent inspections of the river are made and the sixteen outflows from the City are checked for illegal discharges on a regular basis.

We anticipate the delivery of a new fireboat, the "Renaissance", in March of 1992. Research for this boat was conducted over the past year. Specifications were drawn up and manufacturers were questioned before a decision on which boat was best for our conditions was made. The tremendous amount of time invested in the early stages of this research will pay off when this modern boat is finally brought on line.

#### HAZARDOUS MATERIALS LIAISON OFFICER

The Training Commandant has been assigned by the Director/Fire Chief as the Haz-Mat Liaison Officer. Hazardous materials response is now an acknowledged part of the fire service. Efforts to maintain and improve our department's level of response to Haz-Mat incidents continue. The Newark Fire Department remains in the forefront of hazardous materials response in the Northern New Jersey area.

The Haz-Mat office continues to coordinate the activities of the Hazardous Materials Response Team (HMRT). Report forms and related documents for Haz-Mat responses are filed in this office after being viewed by the Director/Fire Chief. The specialized equipment needed by the HMRT is purchased through the Haz-Mat Office. This equipment is purchased only after extensive research has been conducted and approval has been received from the Director/Fire Chief. The Haz-Mat annual report will be forwarded separately.

#### CHAIRMAN, SAFETY REVIEW AND ACCIDENT PREVENTION BOARD

Under General Order F-1, the Academy Chief has been assigned the role of Chairman of this important board. The Board has been holding monthly meetings; reviewing safety concerns; and investigating methods to reduce the number of accidents occurring in the Department. During the last twelve months, several accidents have been investigated with reports and recommendations forwarded to the office of the Director/Fire Chief. The annual report of this board will be forwarded separately.

#### EMPLOYEE HEALTH AND SAFETY COMMITTEE

The Chief of Training has been assigned by the Director/Fire Chief to represent the Fire Department on the Employee Health and Safety Committee. This is a city-wide committee put in place to deal with unsafe conditions in the work place before the need to report them to the State. This committee meets once a month; with other meetings being called as needed.

#### TRAINING RECORDS

Training records continue to be maintained and updated on the Academy computer. These records have allowed the Academy Staff to focus training efforts on shortfalls in past training. It is hoped that this more focused training regime will enable our personnel to more safely perform their duties.

#### CRITICAL INCIDENT STRESS DEBRIEFING TEAM

Over the past year the City has established a Critical Incident Stress Debriefing Team (CISDT). The Chief of Training has been assigned to coordinate the activities of this team within the Fire Department. A number of Fire Department personnel have volunteered to become a part of the CISDT. They have received training in techniques for handling members of the Department who are having a hard time dealing with the stresses encountered on our job. Team members meet periodically with their counterparts on the Police Department to discuss issues relating to the team. Any member of the Department who wants to speak with a CISDT member can call the Training Chief or the CISDT member. All information is kept strictly confidential.

#### COMMUNITY RELATIONS

The Community Relations Division was placed under the Chief of Training over the past year. It continues to act as a bridge between the Fire Department and the citizens of Newark; assisting fire victims and presenting fire education programs to the community. The Annual Report of this division will be forwarded separately.

The Commanding Officer of the Training Academy would like to express his heartfelt thanks to his limited staff: Battalion Chief Harry Carter, Captain Andrew Wargo, and Captain Eli Savarese. Special recognition must be given to Captain Joseph "Jack" Camasta, who, until his recent untimely death, was an inspiration and motivating force to all who had the honor of serving with him.

A debt of gratitude is also owed to Battalion Chief Apostolico and Firefighters Daly and Stoffers of the Haz-Mat Office.

These individuals have made it possible to successfully carry out all the tasks assigned to the Training Academy. Without them this would have been impossible.

A major part of our success belongs to Director/Fire Chief Kossup; whose progressive and enthusiastic leadership have enabled us to achieve our stated goals.

TRAINING DIVISION  
ANNUAL PERFORMANCE REPORT  
FOR THE YEAR 1991

<u>Academy Training</u>		<u>Demonstrations/Attendance</u>	
			Sessions/Attn.
SESSIONS IN QUARTERS	293	EXTINGUISHERS	3 112
SESSIONS OUT OF QUARTERS	5		
TOTAL SESSIONS	298		
HOURS OF INSTRUCTION	1233		
MAN HOURS	18,511		
TOTALS	19,744	TOTALS	3 112

CERTIFICATIONS: DRIVERS 31

FILMS AND TAPES SHOWN: 198 WITH 1777 IN ATTENDANCE

PLANNING AND RESEARCH DIVISION  
ANNUAL REPORT FOR THE YEAR 1992  
SUBMITTED BY  
ROBERT FITZPATRICK, BATTALION CHIEF

The Planning and Research Division provided staff assistance during 1992 as directed by the Fire Director. Other agencies were assisted when help was requested.

Areas of activities included , but were not limited to, the following:

Capital Budget Preparation and Monitoring

New Construction - Fire Facilities

(a) The new firehouse planned for Engine 10, Engine 12, Truck 5 and Battalion Chief 4 in the area of Clinton and Milford Avenues is currently in the design and site planning phase.

Fire Facility Rehabilitation Program

This program schedules major reconstruction of Fire Department facilities as required. Members of this Division met with the Department of General Services to coordinate and prioritize the major repairs needed at Fire Department facilities. A report concerning the on-going repair needs of these facilities was generated.

1990 Capital Budget Projects

- (a) Fire Headquarters
- (b) Fire Training Academy

1991 Capital Budget Projects

- (a) Engine Company 14
- (b) Engine Company 17
- (c) Engine Company 28

1992 Capital Budget Projects

- (a) Engine Company 15  
Truck Company 7
- (b) Various facilities as needed

### Apparatus Replacement program

This program is designed to maintain all first line apparatus at an age of 10 years or less, and spare apparatus of 14 years or less. The program is maintained with the purchase of two pumpers and one Aerial Ladder Truck each year. Two Pumpers were ordered in 1992.

### Sick Leave and Injury Reporting System

Sick leave and injury reports are updated and filed daily. Sick and injured personnel are checked for progress. Members injured "on the job" are monitored through the office of the Universal Industrial Clinic, retained by the City of Newark for this purpose. Reports pertaining to sick and injury leaves are presented to the Fire Director on a semi-weekly basis. Members on sick or injury leave contact this Division to receive permission to see the Department Physician or to leave their homes when necessary.

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### Fuel Conservation (Motor Vehicles)

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- (a) Appointments
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COMMUNITY RELATIONS DIVISION  
ANNUAL REPORT FOR THE YEAR 1992  
SUBMITTED BY WILFRED QUIST, FIREFIGHTER

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The Community Relations Division also continued to deliver specialized fire safety training programs for the industrial and business communities. 245 of these programs were presented this year city wide.

This year, with the cooperation of the Art Department of the Newark Board of Education, the Newark Fire Safety Poster Contest was held once again. We had over 350 entries from which 14 were picked as City winners, and 8 were picked as County winners and there was 1 chosen to go to the State Contest.

Community Relations Specialist Avis B. Thomas again coordinated the Mayor's Christmas party. In the weeks prior to the party she and the volunteers were on Mc carter Highway collecting monies to purchase food baskets and toys. This year we were able to purchase over 4,000 toys that were distributed to the children and 300 food baskets to senior citizens. The Rutger's Alumni gave there time at the party and donated decorative mirrors that the Mayor raffled off to the senior citizens, and some toys for the children. The fund drive raised 14,000.00 that was used to purchase the toys, food baskets, and refreshments for the party.

We at the Community Relations Division would like to thank all of the members of the Newark Fire Department that helped us with all our programs.

I would like to thank the entire staff of the Community Relations Division their efforts over the past year helped make the programs of this division successful. It is hoped that their success has led to a better Newark.

CITY OF NEWARK  
FIRE DEPARTMENT

COMMUNITY RELATIONS DIVISION  
ANNUAL PERFORMANCE REPORT

ASSISTANCE RENDERED

RELOCATED	2156 people/652 families
SPECIAL CALLS	17 FAMILIES
<u>FILMS SHOWN</u>	423
<u>FIRE PREVENTION PRESENTATIONS</u>	307
<u>SCHOOL SEMINARS</u>	523
<u>RECRUITMENT</u>	
APPLICANTS TRAINED	194
NEW APPLICATIONS	4725

ORGANIZATIONS WORKED WITH

THE DIVISION OF YOUTH AND FAMILY SERVICES, THE NEWARK OFFICE OF CHILDREN, THE NEWARK FESTIVAL OF PEOPLE, THE INTERNATIONAL YOUTH ORGANIZATION, THE NEWARK PRESCHOOL COUNCIL, THE SOUTH DISTRICT TASK FORCE, THE ESSEX COUNTY FOSTER HOME RECRUITMENT TASK FORCE, AND LEAGUERS WITH SESAME STREET ON FIRE SAFETY.

POSTER CONTEST

ENTRIES	OVER 300
WINNERS (CITY)	13
(COUNTY)	9

NEWARK OFFICE OF EMERGENCY MANAGEMENT

ANNUAL REPORT FOR THE YEAR 1992

SUBMITTED BY

ROBERT D. SWALES

DEPUTY COORDINATOR

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The Newark Office of Emergency Management is a division within the Fire Department, headed by the Deputy Coordinator of Emergency Management.

OBJECTIVES

The objectives of the Newark Office of Emergency Management are to respond to all major life and health threatening incidents (such as hazmat incidents) within the City of Newark, and to provide through that response the coordination of the efforts of all agencies and entities involved in responding to the incident, including public agencies from any level of government, private sector agencies, community and relief agencies and representatives of business and industry; to prepare for, respond to mitigate and recover from the effects of these incidents; to relieve Hazmat and Fire Companies from engagement in such incidents immediately after the response phase is completed; to maintain an equipped administrative office; to prepare and coordinate the preparation of detailed plans for survival actions under various conditions, ensuring the full participation of all agencies (public or private) that have a potential contribution; to make adequate plans for the management in an emergency, of resources in the city; to ensure implementation of the state plans for the continuity of government at all levels during emergencies; to coordinate the continual updating of all such plans and lists of personnel who would supplement various city departments in a crisis; and to provide coordination with the military establishments, reserve or regular, within the geographical boundaries of the city, for their assistance, if needed; to coordinate the Local Emergency Planning Committee (LEPC) as mandated by SARA; to provide an avenue of public access to information as mandated by SARA; to ensure industry compliance to SARA legislation; to maintain files and records of SARA reporting facilities; to take the necessary actions, in conjunction with other city agencies, that lead to the apprehension and prosecution of illegal dumpers and others responsible for endangering the welfare of the people of Newark through noncompliance or faulty compliance with chemical industry, transportation or handling regulations in the City of Newark through the exercise of surveillance, inspection or other means of detection; to provide, through the EOC, an Emergency Operating Facility capable of housing representatives of city government and city agencies for the purpose of providing command and control during an extended period of emergency; to provide the citizens

sufficient fallout shelters (either community or private), properly stocked and protected; and to meet Federal Emergency Management requirements for a co-funded municipal emergency management agency and the compliance requirements originating from the New Jersey State Police Office of Emergency Management and the Essex County of Emergency Management which include the provision of emergency management training and participation in the state-wide and county-wide drills and exercises; and to provide personnel from the various agencies of the City of Newark with the opportunity to participate in emergency management training courses.

### Field Response

The Newark Office of Emergency Management is specifically charged with the responsibility of responding to all hazardous materials incidents and multiple alarm fires. In the case of hazmat incidents, the OEM is not only a first-response agency, it is also the coordinating authority for cooperative action between city agencies and county, state and federal agencies such as the NJDEPE (New Jersey Department of Environmental Protection and Energy), the EPA (Environmental Protection Agency, the Essex County OEM (Office of Emergency Management), the NJOEM (New Jersey Office of Emergency Management Division of the New Jersey State Police) and any private sector companies such as contractors and industry officials that may be involved.

In this role the OEM negotiates on behalf of the City to reduce clean-up costs, remain on site to secure such agreements and ensure that proper recovery procedures are instituted, and generally follows up each incident to its conclusion, that is through clean-up and through the maze of litigations that are spawned by these incidents, sometimes lasting for years after the occurrences, always continuing long after the other response agencies have taken up, and it is due to this function of the OEM that Hazmat and Fire Companies are able to terminate their involvement in the incident at the logical transition between the response and recovery phases. In this context, the OEM works closely with a number of city departments such as the Fire Department, the Department of Engineering, the Law Department, and the Newark Police. In the past year, the Newark Office of Emergency Management has developed a close working relationship with the State Attorney General's Office, Department of Criminal Justice.

The Newark Office of Emergency Management responded to 555 calls relating to reports of hazardous materials incidents or related problems in 1992. The nature of these responses include on-site investigation of incidents, coordination of efforts with the Department of Environmental Protection, the Hazmat unit and other units of the Newark Fire Department, the Environmental Protection Agency, the Newark Department of Engineering and the Department of Criminal Justice to evaluate the actions leading to the apprehension of responsible parties. The OEM maintains and interest in each incident from discovery through clean-up, to ensure that the situation is corrected. A number of incidents

require a very close monitoring, such as the ongoing cleanup at the White Chemical site, and at the Conus Chemical site, now EPA Superfund clean up projects. The OEM keeps records of all reported incidents and maintains files on all hazardous materials sites. The Newark OEM also has responsibility for opening temporary shelters for citizens who may be displaced in these incidents.

The primary function of the OEM in three alarm fires is to provide for the opening and operation of contingency shelters for large numbers of people when this becomes necessary. The OEM works as a coordinating agency in contact with the Essex County Chapter of the American Red Cross and the Superintendent of Schools as well as other social service agencies to ensure the provision of this shelter.

The OEM is also the agency that responds to reports of illegal dumping in the City, and as such performs surveillance, assists in apprehension, and provides testimony in court in order to ensure the prosecution of illegal dumpers. In this context, the OEM works in conjunction with the Law Department, the Prosecutor's Office, the Newark Police, and the Criminal Justice Department of the State Attorney General's Office.

### **Building Inspections**

In 1992 the Newark Office of Emergency Management participated with the Hazardous Materials Office of the Newark Fire Department in 52 building inspections.

### **Superfund Cleanup Sites**

The Newark Office of Emergency Management coordinated the actions of the various agencies involved with two major Superfund sites in the City of Newark in 1992, the sites of Conus Chemical at 196 Roanoke Avenue and the site of White Chemical at 660 Frelinghuysen Avenue. When completed it is estimated that the cleanup at these two sites will cost a combined sixteen million dollars.

### **THE LOCAL EMERGENCY PLANNING COMMITTEE (LEPC)**

Since the OEM is mandated by federal and state law to coordinate the implementation of Title III (SARA) legislation in conjunction with the Newark Departments of Fire, Engineering, Police, Health and other agencies. The OEM is currently working with private industry and with city agencies to meet the requirements of this legislation within the specified time frame. The Lepec was organized according to the participation formula specified in Title III and several meetings have been held.

## REVISION OF THE EMERGENCY OPERATING PLAN (EOP)

In 1989, The Emergency Operating Plan for the City of Newark was completed and received approval from the New Jersey State Police, Emergency Management Division. The Emergency Operating Plan is maintained and updated on a continual basis by the Office of Emergency Management, and a completely revised plan is submitted to the State every two years. The Newark Office of Emergency Management is now in the pprocess of coordinating the first major revision of the Emergency Operating Plan in cooperation with all of the various city agencies who have an active role in emergency management.

### Training

The following training courses have been completed by Mr. Swales and Mr. Penn of this office;

#### HAZ-MAT TRAINING INFORMATION SERVICE INC

This company provided the following training at the Newark Hazmat training center;

Oct. 90	16hrs.	Leak and Spill control program
Nov. 90	16hrs.	Detection, Monitoring and Sampling program
Dec. 90	16hrs.	Hazardous Material Chemistry program
Jan. 91	16hrs.	Road Transportation of Hazardous Materials program
Feb. 91	16hrs.	Hazardous Materials Incident Command program

All of the above courses were attended by both Mr. Swales and Mr. Penn of the Newark Office of Emergency Management.

#### Newark Hazmat Training Center

Additional courses attended by Mr. Swales and Mr. Penn at the Newark HAZMAT Training Center include;

200 hours	EMT training
8 hours	Training Center in-house training with H-NU meters
8 hours	Training Center in-house training with AIMS meters
4 hours	Hazmat Chemistry Kit Training.

Emergency Management staff have also attended training sessions on other subjects such as Shelter Mmanagement and word processing/data entry.

Radiological equipment inventory and training are handled by the HAZMAT unit of the Newark Fire Department. All members of the HAZMAT unit have received radiological training from the State Radiological Officer. This training program was also given to other city personnel from OEM, Engineering and Health. On 3/30/92 two White Kits (Ludlums) were exchanged with the state and two newly calibrated kits were received, on 12/1/92 the following kits were rotated back to the state; 23 #777's, 574 #777-2's, and 28 #777-1's.

Local Meetings involving Department Heads and volunteer agencies are held on a regular basis for the purpose of producing the Emergency Operating Plan and ffor the overall purpose of reviewing assigned responsibilities for emergency situations. Such a meeting was held on May 23, 1991 at the Fire Training Academy and was attended by members of all Newark City Agencies and a team from the NJOEM headed by Sergeant Dennis Quinn. Several follow up meetings have been conducted.

The Deputy Coordinator or his designee has attended all County municipal coorrdinators meetings for the period between 1/1/92 and 12/31/92.

PHOTOGRAPHY DIVISION  
ANNUAL REPORT SUBMITTED BY  
FIREFIGHTER LAWRENCE KRIEGER  
FOR THE YEAR 1992

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MEDIA LIAISON & PHOTOGRAPHIC UNIT

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The following report is herewith respectfully submitted outlining the activities of the Public Relations and Photography Division for the year 1992:

This Division has continued to keep the public informed of the various events which occurred throughout the year. As the media liaison, I respond to fires and other incidents as requested by the Fire Director, gathering information and disseminating it via radio, television and newspapers, in the form of releases, news announcements, bulletins, etc.

ASSIGNMENTS RESPONDED TO

Signal 100 (Arson or Suspected)	86
Signal 200 (Death at a fire, not actual count)	9
Multiple Alarms (2nd or greater)	40
Public Relations (Includes attending ceremonies, appointments, awards, promotionals, demonstrations)	15
Special Assignments (working in cooperation with other agencies, Law Department, Division of Fire Prevention and Life Safety, Demolition and Engineering Departments)	<u>39</u>
Total Assignments Worked	254

Darkroom Activities Included:

Total Negatives Processed and Developed	1,920
Total Prints Processed and Developed	2,820

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I wish to extend my sincere thanks to Director / Fire Chief Stanley J. Kossup and to all the officers and members of the Fire Department, for their cooperation and assistance they gave me throughout the past year.

ANNUAL REPORT  
SUBMITTED BY THE  
CATHOLIC CHAPLAIN  
REV. MSGR. HORTON J. RAUGHT  
FOR THE YEAR 1992

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The following is a report of my activities as Chaplain of the Newark Fire Department for the year 1992.

I responded to multiple alarms of fire when summoned. When necessary I accompanied injured firefighters to the hospital from the fire scene.

I visited the various hospitals in the area to attend members of the Fire Department who were ill or injured in the line of duty. Visits were also made to their families when I was notified of their illness.

Attended wakes for the deceased members of the Fire Department or members of their families. I participated at the funeral services of members of the Department both active or retired.

Participated in all swearing in ceremonies of new Fire Department personnel as well as promotional ceremonies.

I conducted the 69th Annual Memorial Service for the deceased members of the Newark Fire Department. The Annual Memorial Mass and Service was conducted at St. Patrick's Pro Cathedral Newark, New Jersey. Also, I conducted the Annual Memorial Service at the Firefighters' Monument Plot in the Mt. Pleasant Cemetery, Newark, New Jersey.

Attended all activities both social and civic pertaining to the Newark Fire Department as well as those sponsored by the Bell and Siren Club.

I wish to express my deep and sincere gratitude to Fire Director / Fire Chief Stanley J. Kossup and to all the Officers and members of the Newark Fire Department for the friendship, courtesy and cooperation they have shown me.

THE BELL AND SIREN CLUB, INC.

ANNUAL REPORT  
FOR THE YEAR 1992

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The Bell and Siren Club, organized in 1949, is a non-profit, voluntary group, dependent upon membership dues, social functions and the contributions of the communities it serves, to finance its activities and acquire and maintain its equipment.

Membership is limited to 50 active members whose conduct must adhere to the official Club Code of Operations.

The Club serves free refreshments of coffee, fruit drink, tea, hot soup, etc. from a mobile canteen unit, "The Rig," to firefighters at the scene of a fire, inside the fire lines.

The Rig is owned by the Club, but is quartered at 44 Mt. Prospect Avenue, courtesy of the Mayor and the Newark Fire Department.

During 1992, the Club responded to 114 fire emergencies, comprised of:

- 51 Second Alarms
- 4 Third Alarms
- 25 Special Calls
  - 7 Multiple Alarms in East Orange
  - 3 Multiple Alarms in West Orange
  - 4 Multiple Alarms in South Orange
  - 4 Multiple Alarms in Bloomfield
  - 4 Multiple Alarms in Belleville
  - 4 Multiple Alarms in Montclair/Glen Ridge
  - 5 Multiple Alarms in Irvington
  - 1 Special Call in Nutley
  - 1 Mutual Aid Call in Paterson
  - 1 Mutual Aid Call in Jersey City

Services rendered included:

7,138 cups of coffee	1,633 cups of hot chocolate
3,196 cups of iced tea	336 cups of broth/soup
5,648 cups of cold drinks	375 doz. cookies & doughnuts
722 cups of hot tea	219 cigarettes
1,179 cups of water	104 cups of beef stew

We extend our thanks and appreciation to the elected officials of the City of Newark, to Fire Director Stanley J. Kossup, and all the Officers and Members of the Newark Fire Department, for their help and assistance during the past year.